| Minut. | 27. Grad. | | Minut. | 62. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 0 | 45399.05 | 50952.54 | 60 | 89100.65 | 196261.05 |
| 1 | 45424.97 | 50989.19 | 59 | 89087.44 | 196120.00 |
| 2 | 45450.88 | 51025.85 | 58 | 89074.22 | 195979.10 |
| 3 | 45476.79 | 51062.52 | 57 | 89061.00 | 195838.37 |
| 4 | 45502.69 | 51099.19 | 56 | 89047.77 | 195697.80 |
| 5 | 45528.59 | 51135.88 | 55 | 89034.53 | 195557.39 |
| 6 | 45554.49 | 51172.59 | 54 | 89021.28 | 195417.13 |
| 7 | 45580.38 | 51209.30 | 53 | 89008.02 | 195277.04 |
| 8 | 45606.27 | 51246.02 | 52 | 88994.76 | 195137.11 |
| 9 | 45632.16 | 51282.75 | 51 | 88981.49 | 194997.33 |
| 10 | 45658.04 | 51319.50 | 50 | 88968.21 | 194857.71 |
| 11 | 45683.92 | 51356.25 | 49 | 88954.93 | 194718.26 |
| 12 | 45709.79 | 51393.02 | 48 | 88941.64 | 194578.96 |
| 13 | 45735.66 | 51429.80 | 47 | 88928.34 | 194439.81 |
| 14 | 45761.53 | 51466.58 | 46 | 88915.03 | 194300.83 |
| 15 | 45787.39 | 51503.38 | 45 | 88901.71 | 194162.00 |
| 16 | 45813.25 | 51540.19 | 44 | 88888.39 | 194023.33 |
| 17 | 45839.10 | 51577.02 | 43 | 88875.06 | 193884.81 |
| 18 | 45864.95 | 51613.85 | 42 | 88861.72 | 193746.45 |
| 19 | 45890.80 | 51650.69 | 41 | 88848.37 | 193608.25 |
| 20 | 45916.64 | 51687.55 | 40 | 88835.02 | 193470.20 |
| 21 | 45942.48 | 51724.41 | 39 | 88821.66 | 193332.31 |
| 22 | 45968.32 | 51761.29 | 38 | 88808.30 | 193194.57 |
| 23 | 45994.15 | 51798.18 | 37 | 88794.92 | 193056.98 |
| 24 | 46019.98 | 51835.08 | 36 | 88781.54 | 192919.56 |
| 25 | 46045.80 | 51871.99 | 35 | 88768.15 | 192782.28 |
| 26 | 46071.62 | 51908.91 | 34 | 88754.75 | 192645.16 |
| 27 | 46097.44 | 51945.84 | 33 | 88741.34 | 192508.19 |
| 28 | 46123.25 | 51982.78 | 32 | 88727.93 | 192371.38 |
| 29 | 46149.06 | 52019.74 | 31 | 88714.51 | 192234.72 |
| 30 | 46174.86 | 52056.70 | 30 | 88701.08 | 192098.21 |

| Minut. | 27. Grad. Sinus. | 27. Grad. Tang. | Minut. | 62. Grad. Sinus. | 62. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 46174.86 | 52056.70 | 30 | 88701.08 | 192098.21 |
| 31 | 46200.66 | 52093.68 | 29 | 88687.64 | 191961.86 |
| 32 | 46226.46 | 52130.67 | 28 | 88674.20 | 191825.65 |
| 33 | 46252.25 | 52167.67 | 27 | 88660.75 | 191689.60 |
| 34 | 46278.04 | 52204.68 | 26 | 88647.30 | 191553.70 |
| 35 | 46303.82 | 52241.70 | 25 | 88633.83 | 191417.95 |
| 36 | 46329.60 | 52278.74 | 24 | 88620.36 | 191282.36 |
| 37 | 46355.38 | 52315.78 | 23 | 88606.88 | 191146.91 |
| 38 | 46381.15 | 52352.84 | 22 | 88593.39 | 191011.62 |
| 39 | 46406.92 | 52389.90 | 21 | 88579.89 | 190876.47 |
| 40 | 46432.69 | 52426.98 | 20 | 88566.39 | 190741.47 |
| 41 | 46458.45 | 52464.07 | 19 | 88552.88 | 190606.63 |
| 42 | 46484.20 | 52501.17 | 18 | 88539.36 | 190471.93 |
| 43 | 46509.96 | 52538.29 | 17 | 88525.83 | 190337.38 |
| 44 | 46535.71 | 52575.41 | 16 | 88512.30 | 190202.99 |
| 45 | 46561.45 | 52612.54 | 15 | 88498.76 | 190068.74 |
| 46 | 46587.19 | 52649.69 | 14 | 88485.22 | 189934.64 |
| 47 | 46612.93 | 52686.85 | 13 | 88471.66 | 189800.68 |
| 48 | 46638.66 | 52724.02 | 12 | 88458.10 | 189666.88 |
| 49 | 46664.39 | 52761.20 | 11 | 88444.53 | 189533.22 |
| 50 | 46690.12 | 52798.39 | 10 | 88430.95 | 189399.71 |
| 51 | 46715.84 | 52835.59 | 9 | 88417.36 | 189266.34 |
| 52 | 46741.56 | 52872.81 | 8 | 88403.77 | 189133.13 |
| 53 | 46767.27 | 52910.04 | 7 | 88390.17 | 189000.06 |
| 54 | 46792.98 | 52947.27 | 6 | 88376.56 | 188867.13 |
| 55 | 46818.69 | 52984.52 | 5 | 88362.95 | 188734.36 |
| 56 | 46844.39 | 53021.78 | 4 | 88349.32 | 188601.72 |
| 57 | 46870.09 | 53059.06 | 3 | 88335.69 | 188469.24 |
| 58 | 46895.78 | 53096.34 | 2 | 88322.06 | 188336.90 |
| 59 | 46921.47 | 53133.64 | 1 | 88308.41 | 188204.70 |
| 60 | 46947.16 | 53270.94 | 0 | 88294.76 | 188072.65 |

| Minut. | 28. Grad. Sinus. | 28. Grad. Tang. | Minut. | 61. Grad Sinus. | 61. Grad Tang. |
|---|---|---|---|---|---|
| 0 | 46947.16 | 53170.94 | 60 | 88294.76 | 188072.65 |
| 1 | 46972.84 | 53208.26 | 59 | 88281.10 | 187940.74 |
| 2 | 46998.52 | 53245.59 | 58 | 88267.43 | 187808.98 |
| 3 | 47024.19 | 53282.93 | 57 | 88253.76 | 187677.36 |
| 4 | 47049.86 | 53320.29 | 56 | 88240.07 | 187545.88 |
| 5 | 47075.53 | 53357.65 | 55 | 88226.38 | 187414.55 |
| 6 | 47101.19 | 53395.03 | 54 | 88212.69 | 187283.36 |
| 7 | 47126.85 | 53432.42 | 53 | 88198.98 | 187152.31 |
| 8 | 47152.50 | 53469.82 | 52 | 88185.27 | 187021.41 |
| 9 | 47178.15 | 53507.23 | 51 | 88171.55 | 186890.64 |
| 10 | 47203.80 | 53544.65 | 50 | 88157.82 | 186760.03 |
| 11 | 47229.44 | 53582.08 | 49 | 88144.09 | 186629.55 |
| 12 | 47255.08 | 53619.53 | 48 | 88130.35 | 186499.21 |
| 13 | 47280.71 | 53656.99 | 47 | 88116.60 | 186369.02 |
| 14 | 47306.34 | 53694.46 | 46 | 88102.84 | 186238.96 |
| 15 | 47331.97 | 53731.94 | 45 | 88089.07 | 186109.05 |
| 16 | 47357.59 | 53769.43 | 44 | 88075.30 | 185979.28 |
| 17 | 47383.21 | 53806.94 | 43 | 88061.52 | 185849.65 |
| 18 | 47408.82 | 53844.45 | 42 | 88047.73 | 185720.15 |
| 19 | 47434.43 | 53881.98 | 41 | 88033.94 | 185590.80 |
| 20 | 47460.04 | 53919.52 | 40 | 88020.14 | 185461.59 |
| 21 | 47485.64 | 53957.07 | 39 | 88006.33 | 185332.52 |
| 22 | 47511.24 | 53994.64 | 38 | 87992.51 | 185203.58 |
| 23 | 47536.83 | 54032.21 | 37 | 87978.69 | 185074.79 |
| 24 | 47562.42 | 54069.80 | 36 | 87964.86 | 184946.13 |
| 25 | 47588.01 | 54107.40 | 35 | 87951.02 | 184817.61 |
| 26 | 47613.59 | 54145.01 | 34 | 87937.17 | 184689.23 |
| 27 | 47639.17 | 54182.63 | 33 | 87923.32 | 184560.99 |
| 28 | 47664.74 | 54220.27 | 32 | 87909.46 | 184432.89 |
| 29 | 47690.31 | 54257.91 | 31 | 87895.59 | 184304.92 |
| 30 | 47715.88 | 54295.57 | 30 | 87881.71 | 184177.09 |

N. 268.

| Minut. | 28. Grad. | | Minut. | 61. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 30 | 47715.88 | 54295.57 | 30 | 87881.71 | 184177.09 |
| 31 | 47741.44 | 54333.24 | 29 | 87867.83 | 184049.39 |
| 32 | 47767.00 | 54370.92 | 28 | 87853.94 | 183921.84 |
| 33 | 47792.55 | 54408.62 | 27 | 87840.04 | 183794.42 |
| 34 | 47818.10 | 54446.32 | 26 | 87826.13 | 183667.13 |
| 35 | 47843.64 | 54484.04 | 25 | 87812.22 | 183539.99 |
| 36 | 47869.19 | 54521.77 | 24 | 87798.30 | 183412.97 |
| 37 | 47894.72 | 54559.51 | 23 | 87784.37 | 183286.10 |
| 38 | 47920.26 | 54597.26 | 22 | 87770.43 | 183159.36 |
| 39 | 47945.79 | 54635.03 | 21 | 87756.49 | 183032.75 |
| 40 | 47971.31 | 54672.81 | 20 | 87742.54 | 182906.28 |
| 41 | 47996.83 | 54710.60 | 19 | 87728.58 | 182779.94 |
| 42 | 48022.35 | 54748.40 | 18 | 87714.62 | 182653.74 |
| 43 | 48047.86 | 54786.21 | 17 | 87700.64 | 182527.67 |
| 44 | 48073.37 | 54824.04 | 16 | 87686.66 | 182401.73 |
| 45 | 48098.88 | 54861.88 | 15 | 87672.68 | 182275.93 |
| 46 | 48124.38 | 54899.73 | 14 | 87658.68 | 182150.26 |
| 47 | 48149.88 | 54937.59 | 13 | 87644.68 | 182024.73 |
| 48 | 48175.37 | 54975.46 | 12 | 87630.67 | 181899.32 |
| 49 | 48200.86 | 55013.35 | 11 | 87616.65 | 181774.05 |
| 50 | 48226.34 | 55051.25 | 10 | 87602.62 | 181648.92 |
| 51 | 48251.82 | 55089.16 | 9 | 87588.59 | 181523.[illegible]1 |
| 52 | 48277.30 | 55127.08 | 8 | 87574.55 | 181399.04 |
| 53 | 48302.77 | 55165.02 | 7 | 87560.51 | 181274.30 |
| 54 | 48328.24 | 55202.97 | 6 | 87546.45 | 181149.69 |
| 55 | 48353.70 | 55240.93 | 5 | 87532.39 | 181025.21 |
| 56 | 48379.16 | 55278.90 | 4 | 87518.32 | 180900.86 |
| 57 | 48404.62 | 55316.88 | 3 | 87504.24 | 180776.64 |
| 58 | 48430.07 | 55354.88 | 2 | 87490.16 | 180652.56 |
| 59 | 48455.52 | 55392.88 | 1 | 87476.07 | 180528.60 |
| 60 | 48480.96 | 55430.90 | 0 | 87461.97 | 180404.78 |

N. 269.

| Minut. | 29. Grad. Sinus. | 29. Grad. Tang. | Minut. | 60. Grad. Sinus. | 60. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 48480.96 | 55430.90 | 60 | 87461.97 | 180404.78 |
| 1 | 48506.40 | 55468.94 | 59 | 87447.86 | 180281.08 |
| 2 | 48531.84 | 55506.98 | 58 | 87433.75 | 180157.51 |
| 3 | 48557.27 | 55545.04 | 57 | 87419.63 | 180034.08 |
| 4 | 48582.70 | 55583.11 | 56 | 87405.50 | 179910.77 |
| 5 | 48608.12 | 55621.19 | 55 | 87391.37 | 179787.59 |
| 6 | 48633.54 | 55659.29 | 54 | 87377.22 | 179664.54 |
| 7 | 48658.95 | 55697.39 | 53 | 87363.07 | 179541.62 |
| 8 | 48684.36 | 55735.51 | 52 | 87348.91 | 179418.83 |
| 9 | 48709.77 | 55773.64 | 51 | 87334.75 | 179296.16 |
| 10 | 48735.17 | 55811.79 | 50 | 87320.58 | 179173.62 |
| 11 | 48760.57 | 55849.94 | 49 | 87306.40 | 179051.21 |
| 12 | 48785.97 | 55888.11 | 48 | 87292.21 | 178928.93 |
| 13 | 48811.36 | 55926.29 | 47 | 87278.01 | 178806.78 |
| 14 | 48836.74 | 55964.48 | 46 | 87263.81 | 178684.75 |
| 15 | 48862.12 | 56002.69 | 45 | 87249.60 | 178562.85 |
| 16 | 48887.50 | 56040 91 | 44 | 87235.38 | 178441.07 |
| 17 | 48912.88 | 56079.14 | 43 | 87221.16 | 178319.43 |
| 18 | 48938.24 | 56117.38 | 42 | 87206.93 | 178197.90 |
| 19 | 48963.61 | 56155.64 | 41 | 87192.69 | 178076.51 |
| 20 | 48988.97 | 56193.91 | 40 | 87178.44 | 177955.24 |
| 21 | 49014.33 | 56232.19 | 39 | 87164.19 | 177834.09 |
| 22 | 49039.68 | 56270.48 | 38 | 87149.93 | 177713.07 |
| 23 | 49065.03 | 56308.79 | 37 | 87135.66 | 177592.18 |
| 24 | 49090.37 | 56347.10 | 36 | 87121.38 | 177471.41 |
| 25 | 49115.72 | 56385.43 | 35 | 87107.10 | 177350.76 |
| 26 | 49141.05 | 56423.78 | 34 | 87092.81 | 177230.24 |
| 27 | 49166.38 | 56462.13 | 33 | 87078.51 | 177109.85 |
| 28 | 49191.71 | 56500.50 | 32 | 87064.20 | 176989.58 |
| 29 | 49217.04 | 56538.88 | 31 | 87049.89 | 176869.43 |
| 30 | 49242.36 | 56577.28 | 30 | 87035.57 | 176749.40 |

N. 270.

| Minut. | 29. Grad. | | Minut. | 60. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 30 | 49242.36 | 56577.28 | 30 | 87035.57 | 176749.40 |
| 31 | 49267.67 | 56615.68 | 29 | 87021.24 | 176629.50 |
| 32 | 49292.98 | 56654.10 | 28 | 87006.91 | 176509.72 |
| 33 | 49318.29 | 56692.53 | 27 | 86992.56 | 176390.07 |
| 34 | 49343.59 | 56730.98 | 26 | 86978.21 | 176270.53 |
| 35 | 49368.89 | 56769.44 | 25 | 86963.86 | 176151.12 |
| 36 | 49394.19 | 56807.91 | 24 | 86949.49 | 176031.83 |
| 37 | 49419.48 | 56846.39 | 23 | 86935.12 | 175912.67 |
| 38 | 49444.76 | 56884.88 | 22 | 86920.74 | 175793.62 |
| 39 | 49470.05 | 56923.39 | 21 | 86906.35 | 175674.70 |
| 40 | 49495.33 | 56961.91 | 20 | 86891.96 | 175555.90 |
| 41 | 49520.60 | 57000.45 | 19 | 86877.56 | 175437.22 |
| 42 | 49545.87 | 57038.99 | 18 | 86863.15 | 175318.66 |
| 43 | 49571.13 | 57077.55 | 17 | 86848.73 | 175200.23 |
| 44 | 49596.39 | 57116.12 | 16 | 86834.31 | 175081.91 |
| 45 | 49621.65 | 57154.71 | 15 | 86819.88 | 174963.71 |
| 46 | 49646.90 | 57193.31 | 14 | 86805.44 | 174845.64 |
| 47 | 49672.15 | 57231.92 | 13 | 86791.00 | 174727.68 |
| 48 | 49697.40 | 57270.54 | 12 | 86776.55 | 174609.84 |
| 49 | 49722.64 | 57309.18 | 11 | 86762.09 | 174492.13 |
| 50 | 49747.87 | 57347.83 | 10 | 86747.62 | 174374.53 |
| 51 | 49773.10 | 57386.49 | 9 | 86733.14 | 174257.05 |
| 52 | 49798.33 | 57425.16 | 8 | 86718.66 | 174139.69 |
| 53 | 49823.55 | 57463.85 | 7 | 86704.17 | 174022.45 |
| 54 | 49848.77 | 57502.55 | 6 | 86689.67 | 173905.33 |
| 55 | 49873.99 | 57541.26 | 5 | 86675.17 | 173788.33 |
| 56 | 49899.20 | 57579.99 | 4 | 86660.66 | 173671.44 |
| 57 | 49924.41 | 57618.73 | 3 | 86646.14 | 173554.68 |
| 58 | 49949.61 | 57657.48 | 2 | 86631.61 | 173438.03 |
| 59 | 49974.81 | 57696.25 | 1 | 86617.08 | 173321.49 |
| 60 | 50000.00 | 57735.03 | 0 | 86602.54 | 173205.08 |

| | 30. Grad. | | Minut. | 59. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 0 | 50000.00 | 57735.03 | 60 | 86602.54 | 173205.08 |
| 1 | 50025.19 | 57773.82 | 59 | 86587.99 | 173088.78 |
| 2 | 50050.37 | 57812.62 | 58 | 86573.44 | 172972.60 |
| 3 | 50075.56 | 57851.44 | 57 | 86558.87 | 172856.54 |
| 4 | 50100.73 | 57890.27 | 56 | 86544.30 | 172740.60 |
| 5 | 50125.91 | 57929.11 | 55 | 86529.73 | 172624.77 |
| 6 | 50151.07 | 57967.97 | 54 | 86515.14 | 172509.05 |
| 7 | 50176.24 | 58006.84 | 53 | 86500.55 | 172393.45 |
| 8 | 50201.40 | 58045.73 | 52 | 86485.95 | 172277.97 |
| 9 | 50226.55 | 58084.62 | 51 | 86471.34 | 172162.61 |
| 10 | 50251.70 | 58123.53 | 50 | 86456.73 | 172047.36 |
| 11 | 50276.85 | 58162.45 | 49 | 86442.11 | 171932.22 |
| 12 | 50301.99 | 58201.39 | 48 | 86427.48 | 171817.20 |
| 13 | 50327.13 | 58240.34 | 47 | 86412.84 | 171702.30 |
| 14 | 50352.27 | 58279.30 | 46 | 86398.20 | 171587.51 |
| 15 | 50377.40 | 58318.28 | 45 | 86383.55 | 171472.83 |
| 16 | 50402.52 | 58357.27 | 44 | 86368.89 | 171358.27 |
| 17 | 50427.65 | 58396.27 | 43 | 86354.23 | 171243.82 |
| 18 | 50452.76 | 58435.28 | 42 | 86339.56 | 171129.49 |
| 19 | 50477.88 | 58474.31 | 41 | 86324.88 | 171015.27 |
| 20 | 50502.98 | 58513.35 | 40 | 86310.19 | 170901.16 |
| 21 | 50528.09 | 58552.41 | 39 | 86295.49 | 170787.17 |
| 22 | 50553.19 | 58591.48 | 38 | 86280.79 | 170673.29 |
| 23 | 50578.28 | 58630.56 | 37 | 86266.08 | 170559.53 |
| 24 | 50603.38 | 58669.65 | 36 | 86251.37 | 170445.87 |
| 25 | 50628.46 | 58708.76 | 35 | 86236.64 | 170332.33 |
| 26 | 50653.55 | 58747.88 | 34 | 86221.91 | 170218.90 |
| 27 | 50678.63 | 58787.02 | 33 | 86207.17 | 170105.59 |
| 28 | 50703.70 | 58826.17 | 32 | 86192.43 | 169992.38 |
| 29 | 50728.77 | 58865.33 | 31 | 86177.68 | 169879.29 |
| 30 | 753.84 | 58904.50 | 30 | 86162.92 | 169766.31 |

| Minut. | 30. Grad. Sinus. | 30. Grad. Tang. | Minut. | 59. Grad. Sinus. | 59. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 50753.84 | 58904.50 | 30 | 86162.92 | 169766.31 |
| 31 | 50778.90 | 58943.69 | 29 | 86148.15 | 169653.44 |
| 32 | 50803.96 | 58982.89 | 28 | 86133.37 | 169540.69 |
| 33 | 50829.01 | 59022.11 | 27 | 86118.59 | 169428.04 |
| 34 | 50854.06 | 59061.34 | 26 | 86103.80 | 169315.50 |
| 35 | 50879.10 | 59100.58 | 25 | 86089.00 | 169203.08 |
| 36 | 50904.14 | 59139.83 | 24 | 86074.20 | 169090.77 |
| 37 | 50929.18 | 59179.10 | 23 | 86059.39 | 168978.56 |
| 38 | 50954.21 | 59218.39 | 22 | 86044.57 | 168866.47 |
| 39 | 50979.24 | 59257.68 | 21 | 86029.75 | 168754.49 |
| 40 | 51004.26 | 59296.99 | 20 | 86014.91 | 168642.61 |
| 41 | 51029.28 | 59336.32 | 19 | 86000.07 | 168530.85 |
| 42 | 51054.29 | 59375.66 | 18 | 85985.23 | 168419.19 |
| 43 | 51079.30 | 59415.01 | 17 | 85970.37 | 168307.65 |
| 44 | 51104.31 | 59454.37 | 16 | 85955.51 | 168196.21 |
| 45 | 51129.31 | 59493.75 | 15 | 85940.64 | 168084.89 |
| 46 | 51154.31 | 59533.14 | 14 | 85925.76 | 167973.67 |
| 47 | 51179.30 | 59572.54 | 13 | 85910.88 | 167862.56 |
| 48 | 51204.29 | 59611.96 | 12 | 85895.99 | 167751.56 |
| 49 | 51229.27 | 59651.40 | 11 | 85881.09 | 167640.67 |
| 50 | 51254.25 | 59690.84 | 10 | 85866.18 | 167529.88 |
| 51 | 51279.22 | 59730.30 | 9 | 85851.27 | 167419.21 |
| 52 | 51304.20 | 59769.78 | 8 | 85836.35 | 167308.64 |
| 53 | 51329.16 | 59809.27 | 7 | 85821.42 | 167198.18 |
| 54 | 51354.12 | 59848.77 | 6 | 85806.49 | 167087.82 |
| 55 | 51379.08 | 59888.28 | 5 | 85791.55 | 166977.58 |
| 56 | 51404.04 | 59927.81 | 4 | 85776.60 | 166867.44 |
| 57 | 51428.99 | 59967.35 | 3 | 85761.64 | 166757.41 |
| 58 | 51453.93 | 60006.91 | 2 | 85746.68 | 166647.48 |
| 59 | 51478.87 | 60046.48 | 1 | 85731.71 | 166537.66 |
| 60 | 51503.81 | 60086.06 | 0 | 85716.73 | 166427.95 |

| Minut. | 31. Grad. Sinus. | 31. Grad. Tang. | Minut. | 58. Grad. Sinus. | 58. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 51503.81 | 60086.06 | 60 | 85716.73 | 166427.95 |
| 1 | 51528.74 | 60125.66 | 59 | 85701.74 | 166318.34 |
| 2 | 51553.67 | 60165.27 | 58 | 85686.75 | 166208.84 |
| 3 | 51578.59 | 60204.90 | 57 | 85671.75 | 166099.45 |
| 4 | 51603.51 | 60244.54 | 56 | 85656.74 | 165990.16 |
| 5 | 51628.42 | 60284.19 | 55 | 85641.73 | 165880.97 |
| 6 | 51653.33 | 60323.86 | 54 | 85626.71 | 165771.89 |
| 7 | 51678.24 | 60363.54 | 53 | 85611.68 | 165662.92 |
| 8 | 51703.14 | 60403.23 | 52 | 85596.64 | 165554.05 |
| 9 | 51728.04 | 60442.94 | 51 | 85581.60 | 165445.29 |
| 10 | 51752.93 | 60482.66 | 50 | 85566.55 | 165336.63 |
| 11 | 51777.82 | 60522.40 | 49 | 85551.49 | 165228.08 |
| 12 | 51802.70 | 60562.15 | 48 | 85536.43 | 165119.63 |
| 13 | 51827.58 | 60601.92 | 47 | 85521.35 | 165011.28 |
| 14 | 51852.46 | 60641.70 | 46 | 85506.27 | 164903.04 |
| 15 | 51877.33 | 60681.49 | 45 | 85491.19 | 164794.90 |
| 16 | 51902.19 | 60721.30 | 44 | 85476.09 | 164686.86 |
| 17 | 51927.05 | 60761.12 | 43 | 85460.99 | 164578.93 |
| 18 | 51951.91 | 60800.95 | 42 | 85445.88 | 164471.11 |
| 19 | 51976.76 | 60840.80 | 41 | 85430.77 | 164363.38 |
| 20 | 52001.61 | 60880.67 | 40 | 85415.64 | 164255.76 |
| 21 | 52026.46 | 60920.54 | 39 | 85400.51 | 164148.24 |
| 22 | 52051.30 | 60960.43 | 38 | 85385.38 | 164040.82 |
| 23 | 52076.13 | 61000.34 | 37 | 85370.23 | 163933.51 |
| 24 | 52100.96 | 61040.26 | 36 | 85355.08 | 163826.30 |
| 25 | 52125.79 | 61080.19 | 35 | 85339.92 | 163719.19 |
| 26 | 52150.61 | 61120.14 | 34 | 85324.75 | 163612.18 |
| 27 | 52175.43 | 61160.11 | 33 | 85309.58 | 163505.28 |
| 28 | 52200.24 | 61200.08 | 32 | 85294.40 | 163398.47 |
| 29 | 52225.05 | 61240.07 | 31 | 85279.21 | 163291.77 |
| 30 | 52249.86 | 61280.08 | 30 | 85264.02 | 163185.17 |

| Minut. | 31. Grad. | | Minut. | 58. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 30 | 52249.86 | 61280.08 | 30 | 85264.02 | 163185.17 |
| 31 | 52274.66 | 61320.10 | 29 | 85248.81 | 163078.67 |
| 32 | 52299.45 | 61360.13 | 28 | 85233.60 | 162972.27 |
| 33 | 52324.24 | 61400.18 | 27 | 85218.39 | 162865.97 |
| 34 | 52349.03 | 61440.24 | 26 | 85203.16 | 162759.77 |
| 35 | 52373.81 | 61480.32 | 25 | 85187.93 | 162653.68 |
| 36 | 52398.59 | 61520.41 | 24 | 85172.69 | 162547.68 |
| 37 | 52423.36 | 61560.52 | 23 | 85157.45 | 162441.78 |
| 38 | 52448.13 | 61600.64 | 22 | 85142.19 | 162335.99 |
| 39 | 52472.90 | 61640.77 | 21 | 85126.93 | 162230.29 |
| 40 | 52497.66 | 61680.92 | 20 | 85111.67 | 162124.69 |
| 41 | 52522.41 | 61721.08 | 19 | 85096.39 | 162019.20 |
| 42 | 52547.16 | 61761.26 | 18 | 85081.11 | 161913.80 |
| 43 | 52571.91 | 61801.45 | 17 | 85065.82 | 161808.50 |
| 44 | 52596.65 | 61841.66 | 16 | 85050.53 | 161703.30 |
| 45 | 52621.39 | 61881.88 | 15 | 85035.22 | 161598.20 |
| 46 | 52646.13 | 61922.11 | 14 | 85019.91 | 161493.20 |
| 47 | 52670.85 | 61962.36 | 13 | 85004.59 | 161388.29 |
| 48 | 52695.58 | 62002.63 | 12 | 84989.27 | 161283.49 |
| 49 | 52720.30 | 62042.91 | 11 | 84973.94 | 161178.78 |
| 50 | 52745.02 | 62083.20 | 10 | 84958.60 | 161074.17 |
| 51 | 52769.73 | 62123.51 | 9 | 84943.25 | 160969.66 |
| 52 | 52794.43 | 62163.83 | 8 | 84927.90 | 160865.25 |
| 53 | 52819.14 | 62204.17 | 7 | 84912.54 | 160760.94 |
| 54 | 52843.83 | 62244.52 | 6 | 84897.17 | 160656.72 |
| 55 | 52868.53 | 62284.88 | 5 | 84881.79 | 160552.60 |
| 56 | 52893.22 | 62325.26 | 4 | 84866.41 | 160448.58 |
| 57 | 52917.90 | 62365.66 | 3 | 84851.02 | 160344.65 |
| 58 | 52942.58 | 62406.07 | 2 | 84835.62 | 160240.82 |
| 59 | 52967.26 | 62446.50 | 1 | 84820.22 | 160137.09 |
| 60 | 52991.93 | 62486.94 | 0 | 84804.81 | 160033.45 |

| Minut. | 32. Grad. Sinus. | 32. Grad. Tang. | Minut. | 57. Grad. Sinus. | 57. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 52991.93 | 62486.94 | 60 | 84804.81 | 160033.45 |
| 1 | 53016.59 | 62527.39 | 59 | 84789.39 | 159929.91 |
| 2 | 53041.25 | 62567.86 | 58 | 84773.97 | 159826.47 |
| 3 | 53065.91 | 62608.34 | 57 | 84758.53 | 159723.12 |
| 4 | 53090.56 | 62648.84 | 56 | 84743.09 | 159619.87 |
| 5 | 53115.21 | 62689.35 | 55 | 84727.65 | 159516.72 |
| 6 | 53139.86 | 62729.88 | 54 | 84712.19 | 159413.66 |
| 7 | 53164.50 | 62770.42 | 53 | 84696.73 | 159310.70 |
| 8 | 53189.13 | 62810.98 | 52 | 84681.26 | 159207.83 |
| 9 | 53213.76 | 62851.56 | 51 | 84665.79 | 159105.05 |
| 10 | 53238.39 | 62892.15 | 50 | 84650.30 | 159002.38 |
| 11 | 53263.01 | 62932.75 | 49 | 84634.81 | 158899.79 |
| 12 | 53287.63 | 62973.36 | 48 | 84619.32 | 158797.30 |
| 13 | 53312.24 | 63013.99 | 47 | 84603.81 | 158694.91 |
| 14 | 53336.85 | 63054.64 | 46 | 84588.30 | 158592.61 |
| 15 | 53361.45 | 63095.30 | 45 | 84572.78 | 158490.41 |
| 16 | 53386.05 | 63135.98 | 44 | 84557.26 | 158388.30 |
| 17 | 53410.64 | 63176.67 | 43 | 84541.72 | 158286.28 |
| 18 | 53435.23 | 63217.38 | 42 | 84526.18 | 158184.36 |
| 19 | 53459.82 | 63258.10 | 41 | 84510.63 | 158082.53 |
| 20 | 53484.40 | 63298.83 | 40 | 84495.08 | 157980.79 |
| 21 | 53508.98 | 63339.58 | 39 | 84479.52 | 157879.15 |
| 22 | 53533.55 | 63380.35 | 38 | 84463.95 | 157777.60 |
| 23 | 53558.12 | 63421.13 | 37 | 84448.37 | 157676.15 |
| 24 | 53582.68 | 63461.93 | 36 | 84432.79 | 157574.79 |
| 25 | 53607.24 | 63502.74 | 35 | 84417.20 | 157473.52 |
| 26 | 53631.79 | 63543.57 | 34 | 84401.60 | 157372.34 |
| 27 | 53656.34 | 63584.41 | 33 | 84386.00 | 157271.26 |
| 28 | 53680.88 | 63625.27 | 32 | 84370.39 | 157170.26 |
| 29 | 53705.42 | 63666.14 | 31 | 84354.77 | 157069.36 |
| 30 | 53729.96 | 63707.03 | 30 | 84339.14 | 156968.56 |

| Minut. | 32. Grad. Sinus. | Tang. | Minut. | 57. Grad. Sinus. | Tang. |
|---|---|---|---|---|---|
| 30 | 53729.96 | 63707.03 | 30 | 84339.14 | 156968.56 |
| 31 | 53754.49 | 63747.93 | 29 | 84323.51 | 156867.84 |
| 32 | 53779.02 | 63788.85 | 28 | 84307.87 | 156767.22 |
| 33 | 53803.54 | 63829.78 | 27 | 84292.22 | 156666.69 |
| 34 | 53828.06 | 63870.73 | 26 | 84276.57 | 156566.25 |
| 35 | 53852.57 | 63911.69 | 25 | 84260.91 | 156465.90 |
| 36 | 53877.08 | 63952.67 | 24 | 84245.24 | 156365.64 |
| 37 | 53901.58 | 63993.66 | 23 | 84229.56 | 156265.48 |
| 38 | 53926.08 | 64034.67 | 22 | 84213.88 | 156165.40 |
| 39 | 53950.58 | 64075.69 | 21 | 84198.19 | 156065.42 |
| 40 | 53975.07 | 64116.73 | 20 | 84182.49 | 155965.52 |
| 41 | 53999.55 | 64157.79 | 19 | 84166.79 | 155865.72 |
| 42 | 54024.03 | 64198.86 | 18 | 84151.08 | 155766.01 |
| 43 | 54048.51 | 64239.95 | 17 | 84135.36 | 155666.39 |
| 44 | 54072.98 | 64281.05 | 16 | 84119.63 | 155566.85 |
| 45 | 54097.45 | 64322.16 | 15 | 84103.90 | 155467.41 |
| 46 | 54121.91 | 64363.29 | 14 | 84088.16 | 155368.06 |
| 47 | 54146.37 | 64404.44 | 13 | 84072.41 | 155268.80 |
| 48 | 54170.82 | 64445.60 | 12 | 84056.66 | 155169.63 |
| 49 | 54195.27 | 64486.78 | 11 | 84040.90 | 155070.54 |
| 50 | 54219.71 | 64527.97 | 10 | 84025.13 | 154971.55 |
| 51 | 54244.15 | 64569.18 | 9 | 84009.35 | 154872.64 |
| 52 | 54268.59 | 64610.41 | 8 | 83993.57 | 154773.83 |
| 53 | 54293.02 | 64651.65 | 7 | 83977.78 | 154675.10 |
| 54 | 54317.44 | 64692.90 | 6 | 83961.99 | 154576.46 |
| 55 | 54341.87 | 64734.17 | 5 | 83946.18 | 154477.92 |
| 56 | 54366.28 | 64775.46 | 4 | 83930.37 | 154379.46 |
| 57 | 54390.69 | 64816.76 | 3 | 83914.55 | 154281.08 |
| 58 | 54415.10 | 64858.08 | 2 | 83898.73 | 154182.80 |
| 59 | 54439.50 | 64899.41 | 1 | 83882.90 | 154084.66 |
| 60 | 54463.90 | 64940.76 | 0 | 83867.06 | 153986.50 |

| Minut. | 33. Grad. Sinus. | 33. Grad. Tang. | Minut. | 56. Grad. Sinus. | 56. Grad. Taug. |
|---|---|---|---|---|---|
| 0 | 54463.90 | 64940.76 | 60 | 83867.06 | 153986.50 |
| 1 | 54488.30 | 64982.12 | 59 | 83851.21 | 153888.48 |
| 2 | 54512.69 | 65023.50 | 58 | 83835.36 | 153790.55 |
| 3 | 54537.07 | 65064.90 | 57 | 83819.50 | 153692.70 |
| 4 | 54561.45 | 65106.31 | 56 | 83803.63 | 153594.94 |
| 5 | 54585.83 | 65147.74 | 55 | 83787.75 | 153497.27 |
| 6 | 54610.20 | 65189.18 | 54 | 83771.87 | 153399.69 |
| 7 | 54634.56 | 65230.64 | 53 | 83755.98 | 153302.20 |
| 8 | 54658.92 | 65272.11 | 52 | 83740.08 | 153204.79 |
| 9 | 54683.28 | 65313.60 | 51 | 83724.18 | 153107.47 |
| 10 | 54707.63 | 65355.11 | 50 | 83708.27 | 153010.23 |
| 11 | 54731.98 | 65396.63 | 49 | 83692.36 | 152913.08 |
| 12 | 54756.32 | 65438.17 | 48 | 83676.43 | 152816.02 |
| 13 | 54780.66 | 65479.72 | 47 | 83660.50 | 152719.04 |
| 14 | 54804.99 | 65521.29 | 46 | 83644.56 | 152622.15 |
| 15 | 54829.32 | 65562.87 | 45 | 83628.62 | 152525.35 |
| 16 | 54853.65 | 65604.47 | 44 | 83612.66 | 152428.63 |
| 17 | 54877.97 | 65646.09 | 43 | 83596.70 | 152332.00 |
| 18 | 54902.28 | 65687.72 | 42 | 83580.74 | 152235.45 |
| 19 | 54926.59 | 65729.37 | 41 | 83564.76 | 152138.99 |
| 20 | 54950.90 | 65771.03 | 40 | 83548.78 | 152042.61 |
| 21 | 54975.20 | 65812.71 | 39 | 83532.79 | 151946.32 |
| 22 | 54999.50 | 65854.41 | 38 | 83516.80 | 151850.12 |
| 23 | 55023.79 | 65896.12 | 37 | 83500.80 | 151754.00 |
| 24 | 55048.07 | 65937.85 | 36 | 83484.79 | 151657.96 |
| 25 | 55072.36 | 65979.59 | 35 | 83468.77 | 151562.01 |
| 26 | 55096.63 | 66021.35 | 34 | 83452.75 | 151466.14 |
| 27 | 55120.91 | 66063.13 | 33 | 83436.72 | 151370.36 |
| 28 | 55145.18 | 66104.92 | 32 | 83420.68 | 151274.66 |
| 29 | 55169.44 | 66146.73 | 31 | 83404.63 | 151179.05 |
| 30 | 55193.70 | 66188.56 | 30 | 83388.58 | 151083.52 |

| Minut. | 33. Grad. Sinus. | 33. Grad. Tang. | Minut. | 56. Grad. Sinus. | 56. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 55193.70 | 66188.56 | 30 | 83388.58 | 151083.52 |
| 31 | 55217.95 | 66230.40 | 29 | 83372.52 | 150988.07 |
| 32 | 55242.20 | 66272.26 | 28 | 83356.46 | 150892.71 |
| 33 | 55266.45 | 66314.13 | 27 | 83340.38 | 150797.43 |
| 34 | 55290.69 | 66356.02 | 26 | 83324.30 | 150702.24 |
| 35 | 55314.92 | 66397.92 | 25 | 83308.22 | 150607.13 |
| 36 | 55339.15 | 66439.84 | 24 | 83292.12 | 150512.10 |
| 37 | 55363.38 | 66481.78 | 23 | 83276.02 | 150417.16 |
| 38 | 55387.60 | 66523.73 | 22 | 83259.91 | 150322.30 |
| 39 | 55411.82 | 66565.70 | 21 | 83243.80 | 150227.52 |
| 40 | 55436.03 | 66607.69 | 20 | 83227.68 | 150132.82 |
| 41 | 55460.24 | 66649.69 | 19 | 83211.55 | 150038.20 |
| 42 | 55484.44 | 66691.71 | 18 | 83195.41 | 149943.67 |
| 43 | 55508.64 | 66733.75 | 17 | 83179.27 | 149849.22 |
| 44 | 55532.83 | 66775.80 | 16 | 83163.12 | 149754.86 |
| 45 | 55557.02 | 66817.87 | 15 | 83146.96 | 149660.58 |
| 46 | 55581.21 | 66859.95 | 14 | 83130.80 | 149566.38 |
| 47 | 55605.39 | 66902.05 | 13 | 83114.62 | 149472.26 |
| 48 | 55629.56 | 66944.17 | 12 | 83098.45 | 149378.22 |
| 49 | 55653.73 | 66986.30 | 11 | 83082.26 | 149284.26 |
| 50 | 55677.90 | 67028.45 | 10 | 83066.07 | 149190.38 |
| 51 | 55702.06 | 67070.62 | 9 | 83049.87 | 149096.59 |
| 52 | 55726.21 | 67112.80 | 8 | 83033.66 | 149002.88 |
| 53 | 55750.36 | 67155.00 | 7 | 83017.45 | 148909.25 |
| 54 | 55774.51 | 67197.21 | 6 | 83001.23 | 148815.70 |
| 55 | 55798.65 | 67239.44 | 5 | 82985.00 | 148722.23 |
| 56 | 55822.79 | 67281.69 | 4 | 82968.77 | 148628.84 |
| 57 | 55846.92 | 67323.96 | 3 | 82952.52 | 148535.53 |
| 58 | 55871.05 | 67366.24 | 2 | 82936.28 | 148442.30 |
| 59 | 55895.17 | 67408.54 | 1 | 82920.02 | 148349.16 |
| 60 | 55919.29 | 67450.85 | 0 | 82903.76 | 148256.10 |

| 34. Grad. | | Minut. | 55. Grad. | |
|---|---|---|---|---|
| Sinus. | Tang. | | Sinus. | Tang. |
| 55919.29 | 67450.85 | 60 | 82903.76 | 148256.10 |
| 55943.40 | 67493.18 | 59 | 82887.49 | 148163.11 |
| 55967.51 | 67535.53 | 58 | 82871.21 | 148470.21 |
| 55991.62 | 67577.90 | 57 | 82854.93 | 147977.38 |
| 56015.71 | 67620.28 | 56 | 82838.64 | 147884.63 |
| 56039.81 | 67662.68 | 55 | 82822.34 | 147791.97 |
| 56063.90 | 67705.09 | 54 | 82806.03 | 147699.38 |
| 56087.98 | 67747.52 | 53 | 82789.72 | 147606.88 |
| 56112.06 | 67789.97 | 52 | 82773.40 | 147514.45 |
| 56136.14 | 67832.44 | 51 | 82757.07 | 147422.10 |
| 56160.21 | 67874.92 | 50 | 82740.74 | 147329.83 |
| 56184.28 | 67917.42 | 49 | 82724.40 | 147237.64 |
| 56208.34 | 67959.93 | 48 | 82708.06 | 147145.53 |
| 56232.39 | 68002.46 | 47 | 82691.70 | 147053.50 |
| 56256.44 | 68045.01 | 46 | 82675.34 | 146961.55 |
| 56280.49 | 68087.58 | 45 | 82658.97 | 146869.67 |
| 56304.53 | 68130.16 | 44 | 82642.60 | 146777.87 |
| 56328.57 | 68172.76 | 43 | 82626.22 | 146686.16 |
| 56352.60 | 68215.38 | 42 | 82609.83 | 146594.52 |
| 56376.63 | 68258.01 | 41 | 82593.43 | 146502.96 |
| 56400.66 | 68300.66 | 40 | 82577.03 | 146411.47 |
| 56424.67 | 68343.33 | 39 | 82560.62 | 146320.07 |
| 56448.69 | 68386.01 | 38 | 82544.20 | 146228.74 |
| 56472.70 | 68428.71 | 37 | 82527.78 | 146137.49 |
| 56496.70 | 68471.43 | 36 | 82511.35 | 146046.32 |
| 56520.70 | 68514.17 | 35 | 82494.91 | 145955.22 |
| 56544.69 | 68556.92 | 34 | 82478.47 | 145864.20 |
| 56568.68 | 68599.69 | 33 | 82462.02 | 145773.26 |
| 56592.67 | 68642.47 | 32 | 82445.56 | 145682.40 |
| 56616.65 | 68685.27 | 31 | 82429.09 | 145591.61 |
| 56640.62 | 68728.10 | 30 | 82412.62 | 145500.90 |

| Minut. | 34. Grad. Sinus. | 34. Grad. Tang. | Minut. | 55. Grad. Sinus. | 55. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 56640.62 | 68728.10 | 30 | 82412.62 | 145500.90 |
| 31 | 56664.59 | 68770.94 | 29 | 82396.14 | 145410.27 |
| 32 | 56688.56 | 68813.79 | 28 | 82379.65 | 145319.71 |
| 33 | 56712.52 | 68856.66 | 27 | 82363.16 | 145229.23 |
| 34 | 56736.48 | 68899.55 | 26 | 82346.66 | 145138.83 |
| 35 | 56760.43 | 68942.46 | 25 | 82330.15 | 145048.50 |
| 36 | 56784.37 | 68985.38 | 24 | 82313.64 | 144958.25 |
| 37 | 56808.32 | 69028.32 | 23 | 82297.12 | 144868.08 |
| 38 | 56832.25 | 69071.28 | 22 | 82280.59 | 144777.98 |
| 39 | 56856.18 | 69114.25 | 21 | 82264.05 | 144687.96 |
| 40 | 56880.11 | 69157.24 | 20 | 82247.51 | 144598.01 |
| 41 | 56904.03 | 69200.25 | 19 | 82230.96 | 144508.14 |
| 42 | 56927.95 | 69243.28 | 18 | 82214.40 | 144418.34 |
| 43 | 56951.86 | 69286.33 | 17 | 82197.84 | 144328.62 |
| 44 | 56975.77 | 69329.39 | 16 | 82181.27 | 144238.97 |
| 45 | 56999.68 | 69372.47 | 15 | 82164.69 | 144149.40 |
| 46 | 57023.57 | 69415.57 | 14 | 82148.11 | 144059.91 |
| 47 | 57047.47 | 69458.68 | 13 | 82131.52 | 143970.49 |
| 48 | 57071.36 | 69501.81 | 12 | 82114.92 | 143881.14 |
| 49 | 57095.24 | 69544.96 | 11 | 82098.32 | 143791.87 |
| 50 | 57119.12 | 69588.13 | 10 | 82081.70 | 143702.68 |
| 51 | 57142.99 | 69631.31 | 9 | 82065.08 | 143613.56 |
| 52 | 57166.86 | 69674.51 | 8 | 82048.46 | 143524.51 |
| 53 | 57190.73 | 69717.73 | 7 | 82031.83 | 143435.54 |
| 54 | 57214.59 | 69760.97 | 6 | 82015.19 | 143346.64 |
| 55 | 57238.44 | 69804.22 | 5 | 81998.54 | 143257.81 |
| 56 | 57262.29 | 69847.49 | 4 | 81981.89 | 143169.06 |
| 57 | 57286.14 | 69890.78 | 3 | 81965.23 | 143080.39 |
| 58 | 57309.98 | 69934.09 | 2 | 81948.56 | 142991.78 |
| 59 | 57333.81 | 69977.41 | 1 | 81931.89 | 142903.26 |
| 60 | 57357.64 | 70020.75 | 0 | 81915.20 | 142814.80 |

| Minut. | 35. Grad. Sinus. | 35. Grad. Tang. | Minut. | 54. Grad. Sinus. | 54. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 57357.64 | 70020.75 | 60 | 81915.20 | 142814.80 |
| 1 | 57381.47 | 70064.11 | 59 | 81898.52 | 142726.42 |
| 2 | 57405.29 | 70107.49 | 58 | 81881.82 | 142638.11 |
| 3 | 57429.11 | 70150.89 | 57 | 81865.12 | 142549.87 |
| 4 | 57452.92 | 70194.30 | 56 | 81848.41 | 142461.71 |
| 5 | 57476.72 | 70237.73 | 55 | 81831.69 | 142373.62 |
| 6 | 57500.52 | 70281.18 | 54 | 81814.97 | 142285.61 |
| 7 | 57524.32 | 70324.65 | 53 | 81798.24 | 142197.66 |
| 8 | 57548.11 | 70368.13 | 52 | 81781.50 | 142109.79 |
| 9 | 57571.90 | 70411.63 | 51 | 81764.76 | 142022.00 |
| 10 | 57595.68 | 70455.15 | 50 | 81748.01 | 141934.27 |
| 11 | 57619.46 | 70498.69 | 49 | 81731.25 | 141846.62 |
| 12 | 57643.23 | 70542.24 | 48 | 81714.49 | 141759.04 |
| 13 | 57667.00 | 70585.81 | 47 | 81697.72 | 141671.53 |
| 14 | 57690.76 | 70629.40 | 46 | 81680.94 | 141584.09 |
| 15 | 57714.52 | 70673.01 | 45 | 81664.15 | 141496.73 |
| 16 | 57738.27 | 70716.64 | 44 | 81647.36 | 141409.43 |
| 17 | 57762.02 | 70760.29 | 43 | 81630.56 | 141322.21 |
| 18 | 57785.76 | 70803.95 | 42 | 81613.76 | 141235.06 |
| 19 | 57809.50 | 70847.63 | 41 | 81596.95 | 141147.99 |
| 20 | 57833.23 | 70891.33 | 40 | 81580.13 | 141060.98 |
| 21 | 57856.96 | 70935.05 | 39 | 81563.30 | 140974.05 |
| 22 | 57880.68 | 70978.78 | 38 | 81546.47 | 140887.18 |
| 23 | 57904.40 | 71022.53 | 37 | 81529.63 | 140800.39 |
| 24 | 57928.12 | 71066.30 | 36 | 81512.78 | 140713.67 |
| 25 | 57951.83 | 71110.09 | 35 | 81495.93 | 140627.02 |
| 26 | 57975.53 | 71153.90 | 34 | 81479.06 | 140540.44 |
| 27 | 57999.23 | 71197.73 | 33 | 81462.20 | 140453.93 |
| 28 | 58022.92 | 71241.57 | 32 | 81445.32 | 140367.49 |
| 29 | 58046.61 | 71285.43 | 31 | 81428.44 | 140281.13 |
| 30 | 58070.30 | 71329.31 | 30 | 81411.55 | 140194.83 |

| Minut. | 35. Grad. Sinus. | 35. Grad. Tang. | Minut. | 54. Grad. Sinus. | 54. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 58070.30 | 71329.31 | 30 | 81411.55 | 140194.83 |
| 31 | 58093.97 | 71373.21 | 29 | 81394.65 | 140108.60 |
| 32 | 58117.65 | 71417.13 | 28 | 81377.75 | 140022.45 |
| 33 | 58141.32 | 71461.06 | 27 | 81360.84 | 139936.36 |
| 34 | 58164.98 | 71505.01 | 26 | 81343.93 | 139850.34 |
| 35 | 58188.64 | 71548.98 | 25 | 81327.01 | 139764.40 |
| 36 | 58212.30 | 71592.97 | 24 | 81310.08 | 139678.52 |
| 37 | 58235.95 | 71636.98 | 23 | 81293.14 | 139592.72 |
| 38 | 58259.59 | 71681.01 | 22 | 81276.20 | 139506.98 |
| 39 | 58283.23 | 71725.05 | 21 | 81259.25 | 139421.31 |
| 40 | 58306.87 | 71769.11 | 20 | 81242.29 | 139335.71 |
| 41 | 58330.50 | 71813.19 | 19 | 81225.32 | 139250.18 |
| 42 | 58354.12 | 71857.29 | 18 | 81208.35 | 139164.73 |
| 43 | 58377.74 | 71901.41 | 17 | 81191.37 | 139079.34 |
| 44 | 58401.36 | 71945.55 | 16 | 81174.39 | 138994.01 |
| 45 | 58424.97 | 71989.70 | 15 | 81157.40 | 138908.76 |
| 46 | 58448.57 | 72033.87 | 14 | 81140.40 | 138823.58 |
| 47 | 58472.17 | 72078.06 | 13 | 81123.39 | 138738.46 |
| 48 | 58495.77 | 72122.27 | 12 | 81106.38 | 138653.42 |
| 49 | 58519.36 | 72166.50 | 11 | 81089.36 | 138568.44 |
| 50 | 58542.94 | 72210.75 | 10 | 81072.34 | 138483.53 |
| 51 | 58566.52 | 72255.02 | 9 | 81055.30 | 138398.69 |
| 52 | 58590.10 | 72299.31 | 8 | 81038.26 | 138313.92 |
| 53 | 58613.67 | 72343.61 | 7 | 81021.22 | 138229.22 |
| 54 | 58637.24 | 72387.93 | 6 | 81004.16 | 138144.58 |
| 55 | 58660.80 | 72432.27 | 5 | 80987.10 | 138060.01 |
| 56 | 58684.35 | 72476.63 | 4 | 80970.04 | 137975.51 |
| 57 | 58707.90 | 72521.01 | 3 | 80952.96 | 137891.08 |
| 58 | 58731.45 | 72565.41 | 2 | 80935.88 | 137806.72 |
| 59 | 58754.99 | 72609.83 | 1 | 80918.79 | 137722.42 |
| 60 | 58778.53 | 72654.26 | 0 | 80901.70 | 137638.19 |

| Minut. | 36. Grad. Sinus. | 36. Grad. Tang. | Minut. | 53. Grad. Sinus. | 53. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 58778.53 | 72654.26 | 60 | 80901.70 | 137638.19 |
| 1 | 58802.06 | 72698.71 | 59 | 80884.60 | 137554.03 |
| 2 | 58825.58 | 72743.18 | 58 | 80867.49 | 137469.94 |
| 3 | 58849.10 | 72787.67 | 57 | 80850.37 | 137385.91 |
| 4 | 58872.62 | 72832.18 | 56 | 80833.25 | 137301.95 |
| 5 | 58896.13 | 72876.71 | 55 | 80816.12 | 137218.05 |
| 6 | 58919.64 | 72921.26 | 54 | 80798.99 | 137134.23 |
| 7 | 58943.14 | 72965.82 | 53 | 80781.85 | 137050.47 |
| 8 | 58966.63 | 73010.40 | 52 | 80764.70 | 136966.78 |
| 9 | 58990.12 | 73055.01 | 51 | 80747.54 | 136883.15 |
| 10 | 59013.61 | 73099.63 | 50 | 80730.38 | 136799.59 |
| 11 | 59037.09 | 73144.27 | 49 | 80713.21 | 136716.10 |
| 12 | 59060.57 | 73188.94 | 48 | 80696.03 | 136632.67 |
| 13 | 59084.04 | 73233.62 | 47 | 80678.85 | 136549.31 |
| 14 | 59107.50 | 73278.31 | 46 | 80661.66 | 136466.02 |
| 15 | 59130.96 | 73323.03 | 45 | 80644.46 | 136382.79 |
| 16 | 59154.42 | 73367.77 | 44 | 80627.26 | 136299.63 |
| 17 | 59177.87 | 73412.53 | 43 | 80610.05 | 136216.53 |
| 18 | 59201.32 | 73457.30 | 42 | 80592.83 | 136133.50 |
| 19 | 59224.76 | 73502.10 | 41 | 80575.60 | 136050.54 |
| 20 | 59248.19 | 73546.91 | 40 | 80558.37 | 135967.64 |
| 21 | 59271.63 | 73591.74 | 39 | 80541.13 | 135884.81 |
| 22 | 59295.05 | 73636.60 | 38 | 80523.89 | 135802.04 |
| 23 | 59318.47 | 73681.47 | 37 | 80506.64 | 135719.34 |
| 24 | 59341.89 | 73726.36 | 36 | 80469.38 | 135636.70 |
| 25 | 59365.30 | 73771.27 | 35 | 80472.11 | 135554.13 |
| 26 | 59388.71 | 73816.20 | 34 | 80454.84 | 135471.62 |
| 27 | 59412.11 | 73861.15 | 33 | 80437.56 | 135389.18 |
| 28 | 59435.50 | 73906.11 | 32 | 80420.28 | 135306.80 |
| 29 | 59458.89 | 73951.10 | 31 | 80402.99 | 135224.49 |
| 30 | 59482.28 | 73996.11 | 30 | 80385.69 | 135142.24 |

| Minut. | 36. Grad. Sinus. | 36. Grad. Tang. | Minut. | 53. Grad. Sinus. | 53. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 59482.28 | 73996.11 | 30 | 80385.69 | 135142.24 |
| 31 | 59505.66 | 74041.14 | 29 | 80368.38 | 135060.06 |
| 32 | 59529.03 | 74086.18 | 28 | 80351.07 | 134977.94 |
| 33 | 59552.40 | 74131.24 | 27 | 80333.75 | 134895.89 |
| 34 | 59575.77 | 74176.33 | 26 | 80316.42 | 134813.90 |
| 35 | 59599.13 | 74221.43 | 25 | 80299.09 | 134731.97 |
| 36 | 59622.49 | 74266.55 | 24 | 80281.75 | 134650.11 |
| 37 | 59645.84 | 74311.70 | 23 | 80264.40 | 134568.32 |
| 38 | 59669.18 | 74356.86 | 22 | 80247.05 | 134486.58 |
| 39 | 59692.52 | 74402.04 | 21 | 80229.69 | 134404.92 |
| 40 | 59715.86 | 74447.24 | 20 | 80212.32 | 134323.31 |
| 41 | 59739.19 | 74492.46 | 19 | 80194.94 | 134241.77 |
| 42 | 59762.51 | 74537.70 | 18 | 80177.56 | 134160.29 |
| 43 | 59785.83 | 74582.96 | 17 | 80160.17 | 134078.88 |
| 44 | 59809.15 | 74628.24 | 16 | 80142.78 | 133997.53 |
| 45 | 59832.46 | 74673.54 | 15 | 80125.38 | 133916.24 |
| 46 | 59855.76 | 74718.86 | 14 | 80107.97 | 133835.02 |
| 47 | 59879.06 | 74764.20 | 13 | 80090.56 | 133753.86 |
| 48 | 59902.36 | 74809.56 | 12 | 80073.14 | 133672.76 |
| 49 | 59925.65 | 74854.94 | 11 | 80055.71 | 133591.72 |
| 50 | 59948.93 | 74900.33 | 10 | 80038.27 | 133510.75 |
| 51 | 59972.21 | 74945.75 | 9 | 80020.83 | 133429.84 |
| 52 | 59995.49 | 74991.19 | 8 | 80003.38 | 133349.00 |
| 53 | 60018.76 | 75036.65 | 7 | 79985.93 | 133268.22 |
| 54 | 60042.02 | 75082.12 | 6 | 79968.47 | 133187.49 |
| 55 | 60065.28 | 75127.62 | 5 | 79951.00 | 133106.84 |
| 56 | 60088.53 | 75173.14 | 4 | 79933.52 | 133026.24 |
| 57 | 60111.78 | 75218.67 | 3 | 79916.04 | 132945.71 |
| 58 | 60135.03 | 75264.23 | 2 | 79898.55 | 132865.24 |
| 59 | 60158.27 | 75309.81 | 1 | 79881.05 | 132784.83 |
| 60 | 60181.50 | 75355.40 | 0 | 79863.55 | 132704.48 |

| Minut. | 37. Grad. Sinus. | Tang. | Minut. | 52. Grad. Sinus. | Tang. |
|---|---|---|---|---|---|
| 0 | 60181.50 | 75355.40 | 60 | 79863.55 | 13270448 |
| 1 | 60204.73 | 75401.02 | 59 | 79846.04 | 13262420 |
| 2 | 60227.95 | 75446.66 | 58 | 79828.52 | 13254397 |
| 3 | 60251.17 | 75492.32 | 57 | 79811.00 | 13246381 |
| 4 | 60274 39 | 75537.99 | 56 | 79793.47 | 13238371 |
| 5 | 60297.60 | 75583.69 | 55 | 79775.94 | 13230368 |
| 6 | 60320.80 | 75629.41 | 54 | 79758.39 | 13222370 |
| 7 | 60344.00 | 75675.14 | 53 | 79740.84 | 13214379 |
| 8 | 60367.19 | 75720.90 | 52 | 79723.29 | 13206393 |
| 9 | 60390.38 | 75766.68 | 51 | 79705.72 | 13198414 |
| 10 | 60413.56 | 75812.48 | 50 | 79688.15 | 13190441 |
| 11 | 60436.74 | 75858.29 | 49 | 79670.57 | 13182474 |
| 12 | 60459.91 | 75904.13 | 48 | 79652.99 | 13174513 |
| 13 | 60483.08 | 75949.99 | 47 | 79635.40 | 13166559 |
| 14 | 60506.24 | 75995.87 | 46 | 79617.80 | 13158610 |
| 15 | 60529.40 | 76041.77 | 45 | 79600.20 | 13150668 |
| 16 | 60552.55 | 76087.69 | 44 | 79582.59 | 13142731 |
| 17 | 60575.70 | 76133.63 | 43 | 79564.97 | 13134801 |
| 18 | 60598.84 | 76179.59 | 42 | 79547.35 | 13126876 |
| 19 | 60621.98 | 76225.57 | 41 | 79529.72 | 13118958 |
| 20 | 60645.11 | 76271.57 | 40 | 79512.08 | 13111046 |
| 21 | 60668.23 | 76317.59 | 39 | 79494.43 | 13103140 |
| 22 | 60691.36 | 76363.63 | 38 | 79476.78 | 13095239 |
| 23 | 60714.47 | 76409.69 | 37 | 79459.13 | 13087345 |
| 24 | 60737.58 | 76455.77 | 36 | 79441.46 | 13079457 |
| 25 | 60760.69 | 76501.88 | 35 | 79423.79 | 13071575 |
| 26 | 60783.79 | 76548.00 | 34 | 79406.11 | 13063699 |
| 27 | 60806.89 | 76594.14 | 33 | 79388.43 | 13055828 |
| 28 | 60829.98 | 76640.31 | 32 | 79370.74 | 130479.64 |
| 29 | 60853.06 | 76686.49 | 31 | 79353.04 | 130401.06 |
| 30 | 60876.14 | 76732.70 | 30 | 79335.33 | 130322.54 |

N. 286.

| Minut. | 37. Grad. Sinus. | 37. Grad. Tang. | Minut. | 52. Grad. Sinus. | 52. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 60876.14 | 76732.70 | 30 | 79335.33 | 130322.54 |
| 31 | 60899.22 | 76778.93 | 29 | 79317.62 | 130244.07 |
| 32 | 60922.29 | 76825.17 | 28 | 79299.90 | 130165.67 |
| 33 | 60945.35 | 76871.44 | 27 | 79282.18 | 130087.32 |
| 34 | 60968.41 | 76917.73 | 26 | 79264.45 | 130009.04 |
| 35 | 60991.47 | 76964.04 | 25 | 79246.71 | 129930.81 |
| 36 | 61014.52 | 77010.37 | 24 | 79228.96 | 129852.65 |
| 37 | 61037.56 | 77056.72 | 23 | 79211.21 | 129774.54 |
| 38 | 61060.60 | 77103.09 | 22 | 79193.45 | 129696.49 |
| 39 | 61083.63 | 77149.48 | 21 | 79175.69 | 129618.50 |
| 40 | 61106.66 | 77195.89 | 20 | 79157.92 | 129540.57 |
| 41 | 61129.69 | 77242.33 | 19 | 79140.14 | 129462.69 |
| 42 | 61152.70 | 77288.79 | 18 | 79122.35 | 129384.88 |
| 43 | 61175.72 | 77335.26 | 17 | 79104.56 | 129307.12 |
| 44 | 61198.73 | 77381.75 | 16 | 79086.76 | 129229.43 |
| 45 | 61221.73 | 77428.27 | 15 | 79068.96 | 129151.79 |
| 46 | 61244.73 | 77474.81 | 14 | 79051.15 | 129074.21 |
| 47 | 61267.72 | 77521.37 | 13 | 79033.33 | 128996.69 |
| 48 | 61290.71 | 77567.95 | 12 | 79015.50 | 128919.22 |
| 49 | 61313.69 | 77614.55 | 11 | 78997.67 | 128841.82 |
| 50 | 61336.66 | 77661.17 | 10 | 78979.83 | 128764.47 |
| 51 | 61359.64 | 77707.82 | 9 | 78961.98 | 128687.18 |
| 52 | 61382.60 | 77754.48 | 8 | 78944.13 | 128609.95 |
| 53 | 61405.56 | 77801.17 | 7 | 78926.27 | 128532.77 |
| 54 | 61428.52 | 77847.88 | 6 | 78908.41 | 128455.66 |
| 55 | 61451.47 | 77894.60 | 5 | 78890.54 | 128378.60 |
| 56 | 61474.42 | 77941.35 | 4 | 78872.66 | 128301.60 |
| 57 | 61497.36 | 77988.12 | 3 | 78854.77 | 128224.66 |
| 58 | 61520.29 | 78034.92 | 2 | 78836.88 | 128147.76 |
| 59 | 61543.22 | 78081.73 | 1 | 78818.98 | 128078.93 |
| 60 | 61566.15 | 78128.56 | 0 | 78801.08 | 127994.16 |

| Minut. | 38. Grad. Sinus. | 38. Grad. Tang. | Minut. | 51. Grad. Sinus. | 51. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 61566.15 | 78128.56 | 60 | 78801.08 | 127994.16 |
| 1 | 61589.07 | 78175.42 | 59 | 78783.16 | 127917.45 |
| 2 | 61611.98 | 78222.29 | 58 | 78765.24 | 127840.79 |
| 3 | 61634.89 | 78269.19 | 57 | 78747.32 | 127764.19 |
| 4 | 61657.79 | 78316.11 | 56 | 78729.39 | 127687.64 |
| 5 | 61680.69 | 78363.05 | 55 | 78711.45 | 127611.16 |
| 6 | 61703.59 | 78410.02 | 54 | 78693.50 | 127534.73 |
| 7 | 61726.48 | 78457.00 | 53 | 78675.55 | 127458.36 |
| 8 | 61749.36 | 78504.00 | 52 | 78657.59 | 127382.04 |
| 9 | 61772.24 | 78551.03 | 51 | 78639.63 | 127305.78 |
| 10 | 61795.11 | 78598.08 | 50 | 78621.65 | 127229.57 |
| 11 | 61817.98 | 78645.15 | 49 | 78603.67 | 127153.42 |
| 12 | 61840.84 | 78692.24 | 48 | 78585.69 | 127077.33 |
| 13 | 61863.70 | 78739.35 | 47 | 78567.70 | 127001.30 |
| 14 | 61886.55 | 78786.49 | 46 | 78549.70 | 126925.32 |
| 15 | 61909.39 | 78833.64 | 45 | 78551.69 | 126849.39 |
| 16 | 61932.24 | 78880.82 | 44 | 78513.68 | 126773.53 |
| 17 | 61955.07 | 78928.02 | 43 | 78495.66 | 126697.72 |
| 18 | 61977.90 | 78975.24 | 42 | 78477.64 | 126621.96 |
| 19 | 62000.73 | 79022.48 | 41 | 78459.61 | 126546.26 |
| 20 | 62023.55 | 79069.75 | 40 | 78441.57 | 126470.62 |
| 21 | 62046.36 | 79117.03 | 39 | 78423.52 | 126395.03 |
| 22 | 62069.17 | 79164.34 | 38 | 78405.47 | 126319.50 |
| 23 | 62091.98 | 79211.67 | 37 | 78387.41 | 126244.02 |
| 24 | 62114.78 | 79259.02 | 36 | 78369.35 | 126168.60 |
| 25 | 62137.57 | 79306.40 | 35 | 78351.27 | 126093.23 |
| 26 | 62160.36 | 79353.79 | 34 | 78333.20 | 126017.92 |
| 27 | 62183.14 | 79401.21 | 33 | 78315.11 | 125942.67 |
| 28 | 62205.92 | 79448.65 | 32 | 78297.02 | 125867.47 |
| 29 | 62228.70 | 79496.11 | 31 | 78278.92 | 125792.32 |
| 30 | 62251.46 | 79543.59 | 30 | 78260.82 | 125717.23 |

| Minut. | 38. Grad. Sinus. | 38. Grad. Tang. | Minut. | 51. Grad. Sinus. | 51. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 62251.46 | 79543.59 | 30 | 78260.82 | 125717.23 |
| 31 | 62274.23 | 79591.10 | 29 | 78242.70 | 125642.19 |
| 32 | 62296.98 | 79638.62 | 28 | 78224.59 | 125567.21 |
| 33 | 62319.73 | 79686.17 | 27 | 78206.46 | 125492.29 |
| 34 | 62342.48 | 79733.74 | 26 | 78188.33 | 125417.42 |
| 35 | 62365.22 | 79781.34 | 25 | 78170.19 | 125342.60 |
| 36 | 62387.96 | 79828.95 | 24 | 78152.05 | 125267.84 |
| 37 | 62410.69 | 79876.59 | 23 | 78133.90 | 125193.13 |
| 38 | 62433.42 | 79924.25 | 22 | 78115.74 | 125118.48 |
| 39 | 62456.14 | 79971.93 | 21 | 78097.57 | 125043.88 |
| 40 | 62478.85 | 80019.63 | 20 | 78079.40 | 124969.33 |
| 41 | 62501.56 | 80067.36 | 19 | 78061.22 | 124894.84 |
| 42 | 62524.27 | 80115.11 | 18 | 78043.04 | 124820.40 |
| 43 | 62546.96 | 80162.88 | 17 | 78024.85 | 124746.02 |
| 44 | 62569.66 | 80210.67 | 16 | 78006.65 | 124671.69 |
| 45 | 62592.35 | 80258.48 | 15 | 77988.45 | 124597.42 |
| 46 | 62615.03 | 80306.32 | 14 | 77970.24 | 124523.20 |
| 47 | 62637.71 | 80354.18 | 13 | 77952.02 | 124449.03 |
| 48 | 62660.38 | 80402.06 | 12 | 77933.80 | 124374.92 |
| 49 | 62683.05 | 80449.97 | 11 | 77915.57 | 124300.86 |
| 50 | 62705.71 | 80497.90 | 10 | 77897.33 | 124226.85 |
| 51 | 62728.37 | 80545.85 | 9 | 77879.08 | 124152.90 |
| 52 | 62751.02 | 80593.82 | 8 | 77860.83 | 124079.00 |
| 53 | 62773.66 | 80641.81 | 7 | 77842.58 | 124005.15 |
| 54 | 62796.31 | 80689.83 | 6 | 77824.31 | 123931.36 |
| 55 | 62818.94 | 80737.87 | 5 | 77806.04 | 123857.62 |
| 56 | 62841.57 | 80785.93 | 4 | 77787.77 | 123783.93 |
| 57 | 62864.20 | 80834.01 | 3 | 77769.49 | 123710.30 |
| 58 | 62886.82 | 80882.12 | 2 | 77751.20 | 123636.72 |
| 59 | 62909.43 | 80930.25 | 1 | 77732.90 | 123563.19 |
| 60 | 62932.04 | 80978.40 | 0 | 77714.60 | 123489.72 |

| Minut. | 39. Grad. Sinus. | 39. Grad. Tang. | Minut. | 50. Grad. Sinus. | 50. Grad. Tang. |
|---|---|---|---|---|---|
| 0 | 62932.04 | 80978.40 | 60 | 77714.60 | 123489.72 |
| 1 | 62954.64 | 81026.58 | 59 | 77696.29 | 123416.29 |
| 2 | 62977.24 | 81074.78 | 58 | 77677.97 | 123342.92 |
| 3 | 62999.83 | 81123.00 | 57 | 77659.65 | 123269.61 |
| 4 | 63022.42 | 81171.24 | 56 | 77641.32 | 123196.34 |
| 5 | 63045.00 | 81219.51 | 55 | 77622.98 | 123123.13 |
| 6 | 63067.58 | 81267.80 | 54 | 77604.64 | 123049.97 |
| 7 | 63090.15 | 81316.11 | 53 | 77586.29 | 122976.87 |
| 8 | 63112.72 | 81364.44 | 52 | 77567.94 | 122903.81 |
| 9 | 63135.28 | 81412.80 | 51 | 77549.57 | 122830.81 |
| 10 | 63157.84 | 81461.18 | 50 | 77531.21 | 122757.86 |
| 11 | 63180.39 | 81509.58 | 49 | 77512.83 | 122684.96 |
| 12 | 63202.93 | 81558.01 | 48 | 77494.45 | 122612.11 |
| 13 | 63225.47 | 81606.46 | 47 | 77476.06 | 122539.32 |
| 14 | 63248.00 | 81654.93 | 46 | 77457.67 | 122466.58 |
| 15 | 63270.53 | 81703.43 | 45 | 77439.26 | 122393.89 |
| 16 | 63293.06 | 81751.95 | 44 | 77420.86 | 122321.25 |
| 17 | 63315.57 | 81800.49 | 43 | 77402.44 | 122248.66 |
| 18 | 63338.09 | 81849.05 | 42 | 77384.02 | 122176.13 |
| 19 | 63360.59 | 81897.64 | 41 | 77365.59 | 122103.64 |
| 20 | 63383.10 | 81946.25 | 40 | 77347.16 | 122031.21 |
| 21 | 63405.59 | 81994.88 | 39 | 77328.72 | 121958.83 |
| 22 | 63428.08 | 82043.54 | 38 | 77310.27 | 121886.50 |
| 23 | 63450.57 | 82092.22 | 37 | 77291.82 | 121814.22 |
| 24 | 63473.05 | 82140.93 | 36 | 77273.36 | 121741.99 |
| 25 | 63495.53 | 82189.65 | 35 | 77254.89 | 121669.82 |
| 26 | 63518.00 | 82238.40 | 34 | 77236.42 | 121597.69 |
| 27 | 63540.46 | 82287.18 | 33 | 77217.94 | 121525.62 |
| 28 | 63562.92 | 82335.97 | 32 | 77199.45 | 121453.59 |
| 29 | 63585.37 | 82384.79 | 31 | 77180.96 | 121381.62 |
| 30 | 63607.82 | 82433.64 | 30 | 77162.46 | 121309.70 |

N. 290.

| Minut. | 39. Grad. | | Minut. | 50. Grad. | |
|---|---|---|---|---|---|
| | Sinus. | Tang. | | Sinus. | Tang. |
| 30 | 63607.82 | 82433.64 | 30 | 77162.46 | 121309.70 |
| 31 | 63630.26 | 82482.51 | 29 | 77143.95 | 121237.83 |
| 32 | 63652.70 | 82531.40 | 28 | 77125.44 | 121166.01 |
| 33 | 63675.13 | 82580.31 | 27 | 77106.92 | 121094.24 |
| 34 | 63697.56 | 82629.25 | 26 | 77088.39 | 121022.52 |
| 35 | 63719.98 | 82678.21 | 25 | 77069.86 | 120950.85 |
| 36 | 63742.40 | 82727.19 | 24 | 77051.32 | 120879.23 |
| 37 | 63764.81 | 82776.20 | 23 | 77032.78 | 120807.67 |
| 38 | 63787.21 | 82825.23 | 22 | 77014.23 | 120736.15 |
| 39 | 63809.61 | 82874.29 | 21 | 76995.67 | 120664.68 |
| 40 | 63832.01 | 82923.37 | 20 | 76977.10 | 120593.27 |
| 41 | 63854.40 | 82972.47 | 19 | 76958.53 | 120521.90 |
| 42 | 63876.78 | 83021.60 | 18 | 76939.95 | 120450.58 |
| 43 | 63899.16 | 83070.75 | 17 | 76921.37 | 120379.31 |
| 44 | 63921.53 | 83119.92 | 16 | 76902.78 | 120308.10 |
| 45 | 63943.90 | 83169.12 | 15 | 76884.18 | 120236.93 |
| 46 | 63966.26 | 83218.34 | 14 | 76865.58 | 120165.81 |
| 47 | 63988.62 | 83267.59 | 13 | 76846.97 | 120094.75 |
| 48 | 64010.97 | 83316.86 | 12 | 76828.35 | 120023.73 |
| 49 | 64033.32 | 83366.15 | 11 | 76809.73 | 119952.76 |
| 50 | 64055.66 | 83415.47 | 10 | 76791.10 | 119881.84 |
| 51 | 64077.99 | 83464.81 | 9 | 76772.46 | 119810.97 |
| 52 | 64100.32 | 83514.18 | 8 | 76753.82 | 119740.15 |
| 53 | 64122.64 | 83563.57 | 7 | 76735.17 | 119669.38 |
| 54 | 64144.96 | 83612.98 | 6 | 76716.51 | 119598.66 |
| 55 | 64167.28 | 83662.42 | 5 | 76697.85 | 119527.99 |
| 56 | 64189.58 | 83711.88 | 4 | 76679.18 | 119457.36 |
| 57 | 64211.89 | 83761.36 | 3 | 76660.51 | 119386.79 |
| 58 | 64234.18 | 83810.87 | 2 | 76641.83 | 119316.26 |
| 59 | 64256.47 | 83860.40 | 1 | 76623.14 | 119245.79 |
| 60 | 64278.76 | 83909.96 | 0 | 76604.44 | 119175.36 |

| Minut. | 40. Grad. Sinus. | 40. Grad. Tang. | Minut. | 49. Grad. Sinus. | 49. Grad. Tang. |
| --- | --- | --- | --- | --- | --- |
| 0 | 64278.76 | 83909.96 | 60 | 76604.44 | 119175.36 |
| 1 | 64301.04 | 83959.54 | 59 | 76585.74 | 119104.98 |
| 2 | 64323.32 | 84009.15 | 58 | 76567.03 | 119034.65 |
| 3 | 64345.59 | 84058.78 | 57 | 76548.32 | 118964.37 |
| 4 | 64367.85 | 84108.44 | 56 | 76529.60 | 118894.14 |
| 5 | 64390.11 | 84158.12 | 55 | 76510.87 | 118823.95 |
| 6 | 64412.36 | 84207.82 | 54 | 76492.14 | 118753.82 |
| 7 | 64434.61 | 84257.55 | 53 | 76473.40 | 118683.73 |
| 8 | 64456.85 | 84307.30 | 52 | 76454.65 | 118613.69 |
| 9 | 64479.09 | 84357.08 | 51 | 76435.90 | 118543.70 |
| 10 | 64501.32 | 84406.88 | 50 | 76417.14 | 118473.76 |
| 11 | 64523.55 | 84456.70 | 49 | 76398.37 | 118403.87 |
| 12 | 64545.77 | 84506.55 | 48 | 76379.60 | 118334.02 |
| 13 | 64567.98 | 84556.43 | 47 | 76360.82 | 118264.22 |
| 14 | 64590.19 | 84606.33 | 46 | 76342.04 | 118194.47 |
| 15 | 64612.40 | 84656.25 | 45 | 76323.25 | 118124.77 |
| 16 | 64634.60 | 84706.20 | 44 | 76304.45 | 118055.12 |
| 17 | 64656.79 | 84756.17 | 43 | 76285.64 | 117985.51 |
| 18 | 64678.98 | 84806.17 | 42 | 76266.83 | 117915.95 |
| 19 | 64701.16 | 84856.19 | 41 | 76248.01 | 117846.44 |
| 20 | 64723.34 | 84906.24 | 40 | 76229.19 | 117776.98 |
| 21 | 64745.51 | 84956.31 | 39 | 76210.36 | 117707.56 |
| 22 | 64767.67 | 85006.40 | 38 | 76191.52 | 117638.20 |
| 23 | 64789.83 | 85056.52 | 37 | 76172.68 | 117568.88 |
| 24 | 64811.99 | 85106.67 | 36 | 76153.83 | 117499.60 |
| 25 | 64834.14 | 85156.84 | 35 | 76134.97 | 117430.38 |
| 26 | 64856.28 | 85207.04 | 34 | 76116.11 | 117361.20 |
| 27 | 64878.42 | 85257.26 | 33 | 76097.24 | 117292.07 |
| 28 | 64900.55 | 85307.50 | 32 | 76078.37 | 117222.98 |
| 29 | 64922.68 | 85357.77 | 31 | 76059.49 | 117153.95 |
| 30 | 64944.80 | 85408.07 | 30 | 76040.60 | 117084.96 |

| Minut. | 40. Grad. Sinus. | 40. Grad. Tang. | Minut. | 49. Grad. Sinus. | 49. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 64944.80 | 85408.07 | 30 | 76040.60 | 117084.96 |
| 31 | 64966.92 | 85458.39 | 29 | 76021.70 | 117016.01 |
| 32 | 64989.03 | 85508.73 | 28 | 76002.80 | 116947.12 |
| 33 | 65011.14 | 85559.10 | 27 | 75983.89 | 116878.27 |
| 34 | 65033.24 | 85609.50 | 26 | 75964.98 | 116809.47 |
| 35 | 65055.33 | 85659.92 | 25 | 75946.06 | 116740.71 |
| 36 | 65077.42 | 85710.37 | 24 | 75927.13 | 116672.00 |
| 37 | 65099.50 | 85760.84 | 23 | 75908.20 | 116603.34 |
| 38 | 65121.58 | 85811.33 | 22 | 75889.26 | 116534.72 |
| 39 | 65143.66 | 85861.85 | 21 | 75870.31 | 116466.15 |
| 40 | 65165.72 | 85912.40 | 20 | 75851.36 | 116397.63 |
| 41 | 65187.78 | 85962.97 | 19 | 75832.40 | 116329.16 |
| 42 | 65209.84 | 86013.57 | 18 | 75813.43 | 116260.73 |
| 43 | 65231.89 | 86064.19 | 17 | 75794.46 | 116192.34 |
| 44 | 65253.94 | 86114.84 | 16 | 75775.48 | 116124.00 |
| 45 | 65275.98 | 86165.51 | 15 | 75756.50 | 116055.71 |
| 46 | 65298.01 | 86216.21 | 14 | 75737.51 | 115987.47 |
| 47 | 65320.04 | 86266.93 | 13 | 75718.51 | 115919.27 |
| 48 | 65342.06 | 86317.68 | 12 | 75699.51 | 115851.11 |
| 49 | 65364.08 | 86368.46 | 11 | 75680.49 | 115783.01 |
| 50 | 65386.09 | 86419.26 | 10 | 75661.48 | 115714.95 |
| 51 | 65408.10 | 86470.09 | 9 | 75642.45 | 115646.93 |
| 52 | 65430.10 | 86520.94 | 8 | 75623.42 | 115578.96 |
| 53 | 65452.09 | 86571.81 | 7 | 75604.39 | 115511.04 |
| 54 | 65474.08 | 86622.71 | 6 | 75585.35 | 115443.16 |
| 55 | 65496.06 | 86673.64 | 5 | 75566.30 | 115375.32 |
| 56 | 65518.04 | 86724.60 | 4 | 75547.24 | 115307.54 |
| 57 | 65540.02 | 86775.58 | 3 | 75528.18 | 115239.79 |
| 58 | 65561.98 | 86826.59 | 2 | 75509.11 | 115172.10 |
| 59 | 65583.95 | 86877.62 | 1 | 75490.04 | 115104.45 |
| 60 | 65605.90 | 86928.68 | 0 | 75470.96 | 115036.84 |

| Minut. | 41. Grad. Sinus. | Tang. | Minut. | 48. Grad. Sinus. | Tang. |
|---|---|---|---|---|---|
| 0 | 65605.90 | 86928.68 | 60 | 75470.96 | 115036.84 |
| 1 | 65627.85 | 86979.76 | 59 | 75451.87 | 114969.28 |
| 2 | 65649.80 | 87030.87 | 58 | 75432.78 | 114901.76 |
| 3 | 65671.74 | 87082.00 | 57 | 75413.68 | 114834.29 |
| 4 | 65693.67 | 87133.16 | 56 | 75394.57 | 114766.87 |
| 5 | 65715.60 | 87184.35 | 55 | 75375.46 | 114699.49 |
| 6 | 65737.52 | 87235.56 | 54 | 75356.34 | 114632.15 |
| 7 | 65759.44 | 87286.80 | 53 | 75337.21 | 114564.86 |
| 8 | 65781.35 | 87338.06 | 52 | 75318.08 | 114497.62 |
| 9 | 65803.26 | 87389.35 | 51 | 75298.94 | 114430.41 |
| 10 | 65825.16 | 87440.67 | 50 | 75279.80 | 114363.26 |
| 11 | 65847.06 | 87492.01 | 49 | 75260.65 | 114296.15 |
| 12 | 65868.95 | 87543.38 | 48 | 75241.49 | 114229.08 |
| 13 | 65890.83 | 87594.78 | 47 | 75222.33 | 114162.06 |
| 14 | 65912.71 | 87646.20 | 46 | 75203.16 | 114095.08 |
| 15 | 65934.58 | 87697.65 | 45 | 75183.98 | 114028.15 |
| 16 | 65956.45 | 87749.12 | 44 | 75164.80 | 113961.26 |
| 17 | 65978.31 | 87800.62 | 43 | 75145.61 | 113894.41 |
| 18 | 66000.17 | 87852.15 | 42 | 75126.41 | 113827.61 |
| 19 | 66022.02 | 87903.70 | 41 | 75107.21 | 113760.85 |
| 20 | 66043.86 | 87955.28 | 40 | 75088.00 | 113694.14 |
| 21 | 66065.70 | 88006.89 | 39 | 75068.79 | 113627.47 |
| 22 | 66087.54 | 88058.52 | 38 | 75[illegible]9.57 | 113560.85 |
| 23 | 66109.36 | 88110.18 | 37 | 75030.34 | 113494.27 |
| 24 | 66131.19 | 88161.86 | 36 | 75011.11 | 113427.73 |
| 25 | 66153.00 | 88213.57 | 35 | 74991.87 | 113361.24 |
| 26 | 66174.81 | 88265.31 | 34 | 74972.62 | 113294.79 |
| 27 | 66196.62 | 88317.07 | 33 | 74953.37 | 113228.39 |
| 28 | 66218.42 | 88368.86 | 32 | 74934.11 | 113162.03 |
| 29 | 66240.22 | 88420.68 | 31 | 74914.84 | 113095.71 |
| 30 | 66262.00 | 88472.53 | 30 | 74895.57 | 113029.44 |

| Minut. | 41. Grad. Sinus. | 41. Grad. Tang. | Minut. | 48. Grad. Sinus. | 48. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 66262.00 | 88472.53 | 30 | 74895.57 | 113029.44 |
| 31 | 66283.79 | 88524.40 | 29 | 74876.29 | 112963.21 |
| 32 | 66305.57 | 88576.30 | 28 | 74857.01 | 112897.02 |
| 33 | 66327.34 | 88628.22 | 27 | 74837.72 | 112830.88 |
| 34 | 66349.10 | 88680.17 | 26 | 74818.42 | 112764.78 |
| 35 | 66370.87 | 88732.15 | 25 | 74799.12 | 112698.72 |
| 36 | 66392.62 | 88784.16 | 24 | 74779.81 | 112632.71 |
| 37 | 66414.37 | 88836.20 | 23 | 74760.49 | 112566.74 |
| 38 | 66436.11 | 88888.26 | 22 | 74741.17 | 112500.81 |
| 39 | 66457.85 | 88940.34 | 21 | 74721.84 | 112434.93 |
| 40 | 66479.59 | 88992.45 | 20 | 74702.51 | 112369.09 |
| 41 | 66501.31 | 89044.59 | 19 | 74683.17 | 112303.29 |
| 42 | 66523.04 | 89096.75 | 18 | 74663.82 | 112237.54 |
| 43 | 66544.75 | 89148.94 | 17 | 74644.46 | 112171.83 |
| 44 | 66566.46 | 89201.16 | 16 | 74625.10 | 112106.16 |
| 45 | 66588.17 | 89253.41 | 15 | 74605.74 | 112040.53 |
| 46 | 66609.87 | 89305.69 | 14 | 74586.36 | 111974.95 |
| 47 | 66631.56 | 89357.99 | 13 | 74566.99 | 111909.41 |
| 48 | 66653.25 | 89410.32 | 12 | 74547.60 | 111843.91 |
| 49 | 66674.93 | 89462.68 | 11 | 74528.21 | 111778.46 |
| 50 | 66696.61 | 89515.06 | 10 | 74508.81 | 111713.05 |
| 51 | 66718.28 | 89567.47 | 9 | 74489.41 | 111647.68 |
| 52 | 66739.94 | 89619.91 | 8 | 74469.99 | 111582.35 |
| 53 | 66761.60 | 89672.38 | 7 | 74450.58 | 111517.06 |
| 54 | 66783.26 | 89724.87 | 6 | 74431.15 | 111451.82 |
| 55 | 66804.90 | 89777.39 | 5 | 74411.72 | 111386.62 |
| 56 | 66826.55 | 89829.94 | 4 | 74392.29 | 111321.46 |
| 57 | 66848.18 | 89882.52 | 3 | 74372.85 | 111256.35 |
| 58 | 66869.81 | 89935.12 | 2 | 74353.40 | 111191.27 |
| 59 | 66891.44 | 89987.75 | 1 | 74333.94 | 111126.24 |
| 60 | 66913.06 | 90040.41 | 0 | 74314.48 | 111061.25 |

| 42. Grad. Sinus. | 42. Grad. Tang. | Minut. | 47. Grad. Sinus. | 47. Grad. Tang. |
|---|---|---|---|---|
| 66913.06 | 90040.41 | 60 | 74314.48 | 111061.25 |
| 66934.67 | 90093.09 | 59 | 74295.01 | 110996.30 |
| 66956.28 | 90145.80 | 58 | 74275.54 | 110931.40 |
| 66977.89 | 90198.54 | 57 | 74256.06 | 110866.53 |
| 66999.48 | 90251.31 | 56 | 74236.57 | 110801.71 |
| 67021.08 | 90304.11 | 55 | 74217.08 | 110736.93 |
| 67042.66 | 90356.94 | 54 | 74197.58 | 110672.19 |
| 67064.24 | 90409.79 | 53 | 74178.08 | 110607.50 |
| 67085.82 | 90462.67 | 52 | 74158.57 | 110542.84 |
| 67107.39 | 90515.58 | 51 | 74139.05 | 110478.23 |
| 67128.95 | 90568.51 | 50 | 74119.53 | 110413.65 |
| 67150.51 | 90621.47 | 49 | 74100.00 | 110349.12 |
| 67172.06 | 90674.46 | 48 | 74080.46 | 110284.63 |
| 67193.61 | 90727.48 | 47 | 74060.92 | 110220.19 |
| 67215.15 | 90780.53 | 46 | 74041.37 | 110155.78 |
| 67236.68 | 90833.60 | 45 | 74021.81 | 110091.41 |
| 67258.21 | 90886.71 | 44 | 74002.25 | 110027.09 |
| 67279.73 | 90939.84 | 43 | 73982.68 | 109962.81 |
| 67301.25 | 90993.00 | 42 | 73963.11 | 109898.56 |
| 67322.76 | 91046.19 | 41 | 73943.53 | 109834.36 |
| 67344.27 | 91099.41 | 40 | 73923.94 | 109770.20 |
| 67365.77 | 91152.65 | 39 | 73904.35 | 109706.08 |
| 67387.27 | 91205.92 | 38 | 73884.75 | 109642.01 |
| 67408.76 | 91259.22 | 37 | 73865.15 | 109577.97 |
| 67430.24 | 91312.55 | 36 | 73845.53 | 109513.97 |
| 67451.72 | 91365.91 | 35 | 73825.92 | 109450.02 |
| 67473.19 | 91419.29 | 34 | 73806.29 | 109386.10 |
| 67494.66 | 91472.70 | 33 | 73786.66 | 109322.23 |
| 67516.12 | 91526.15 | 32 | 73767.02 | 109258.40 |
| 67537.57 | 91579.62 | 31 | 73747.38 | 109194.60 |
| 67559.02 | 91633.12 | 30 | 73727.73 | 109130.85 |

| Minut. | 42. Grad. Sinus. | 42. Grad. Tang. | Minut. | 47. Grad. Sinus. | 47. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 67559.02 | 91633.12 | 30 | 73727.73 | 109130.85 |
| 31 | 67580.46 | 91686.65 | 29 | 73708.08 | 109067.14 |
| 32 | 67601.90 | 91740.20 | 28 | 73688.42 | 109003.47 |
| 33 | 67623.33 | 91793.79 | 27 | 73668.75 | 108939.83 |
| 34 | 67644.76 | 91847.40 | 26 | 73649.07 | 108876.24 |
| 35 | 67666.18 | 91901.04 | 25 | 73629.39 | 108812.69 |
| 36 | 67687.60 | 91954.71 | 24 | 73609.71 | 108749.18 |
| 37 | 67709.01 | 92008.41 | 23 | 73590.02 | 108685.71 |
| 38 | 67730.41 | 92062.14 | 22 | 73570.32 | 108622.28 |
| 39 | 67751.81 | 92115.90 | 21 | 73550.61 | 108558.89 |
| 40 | 67773.20 | 92169.68 | 20 | 73530.90 | 108495.54 |
| 41 | 67794.59 | 92223.50 | 19 | 73511.18 | 108432.23 |
| 42 | 67815.97 | 92277.34 | 18 | 73491.46 | 108368.96 |
| 43 | 67837.34 | 92331.22 | 17 | 73471.73 | 108305.73 |
| 44 | 67858.71 | 92385.12 | 16 | 73451.99 | 108242.54 |
| 45 | 67880.07 | 92439.05 | 15 | 73432.25 | 108179.39 |
| 46 | 67901.43 | 92493.01 | 14 | 73412.50 | 108116.28 |
| 47 | 67922.78 | 92547.00 | 13 | 73392.75 | 108053.21 |
| 48 | 67944.13 | 92601.01 | 12 | 73372.99 | 107990.18 |
| 49 | 67965.47 | 92655.06 | 11 | 73353.22 | 107927.18 |
| 50 | 97986.81 | 92709.14 | 10 | 73333.45 | 107864.23 |
| 51 | 68008.13 | 92763.24 | 9 | 73313.67 | 107801.32 |
| 52 | 68029.46 | 92817.38 | 8 | 73293.88 | 107738.44 |
| 53 | 68050.78 | 92871.54 | 7 | 73274.09 | 107675.61 |
| 54 | 68072.09 | 92925.73 | 6 | 73254.29 | 107612.82 |
| 55 | 68093.39 | 92979.96 | 5 | 73234.48 | 107550.06 |
| 56 | 68114.69 | 93034.21 | 4 | 73214.67 | 107487.34 |
| 57 | 68135.99 | 93088.49 | 3 | 73194.86 | 107424.67 |
| 58 | 68157.28 | 93142.80 | 2 | 73175.03 | 107362.03 |
| 59 | 68178.56 | 93197.14 | 1 | 73155.21 | 107299.43 |
| 60 | 68199.84 | 93251.51 | 0 | 73135.37 | 107236.87 |

| 43. Grad. Sinus. | 43. Grad. Tang. | Minut. | 46. Grad. Sinus. | 46. Grad. Tang. |
|---|---|---|---|---|
| 68199.84 | 93251.51 | 60 | 73135.37 | 107236.87 |
| 68221.11 | 93305.91 | 59 | 73115.53 | 107174.35 |
| 68242.37 | 93360.34 | 58 | 73095.68 | 107111.87 |
| 68263.63 | 93414.79 | 57 | 73075.83 | 107049.43 |
| 68284.89 | 93469.28 | 56 | 73055.97 | 106987.02 |
| 68306.13 | 93523.80 | 55 | 73036.10 | 106924.66 |
| 68327.38 | 93578.34 | 54 | 73016.23 | 106862.33 |
| 68348.61 | 93632.92 | 53 | 72996.35 | 106800.04 |
| 68369.84 | 93687.53 | 52 | 72976.46 | 106737.79 |
| 68391.07 | 93742.16 | 51 | 72956.57 | 106675.58 |
| 68412.29 | 93796.83 | 50 | 72936.68 | 106613.41 |
| 68433.50 | 93851.52 | 49 | 72916.77 | 106551.28 |
| 68454.71 | 93906.25 | 48 | 72896.86 | 106489.18 |
| 68475.91 | 93961.01 | 47 | 72876.95 | 106427.13 |
| 68497.11 | 94015.79 | 46 | 72857.02 | 106365.11 |
| 68518.30 | 94070.61 | 45 | 72837.10 | 106303.13 |
| 68539.48 | 94125.45 | 44 | 72817.16 | 106241.19 |
| 68560.66 | 94180.33 | 43 | 72797.22 | 106179.29 |
| 68581.83 | 94235.23 | 42 | 72777.28 | 106117.42 |
| 68603.00 | 94290.17 | 41 | 72757.32 | 106055.60 |
| 68624.16 | 94355.13 | 40 | 72737.36 | 105993.81 |
| 68645.32 | 94400.13 | 39 | 72717.40 | 105932.06 |
| 68666.47 | 94455.16 | 38 | 72697.43 | 105870.34 |
| 68687.61 | 94510.21 | 37 | 72677.45 | 105808.67 |
| 68708.75 | 94565.30 | 36 | 72657 47 | 105747.03 |
| 68729.88 | 94620.42 | 35 | 72637.48 | 105685.44 |
| 68751.01 | 94675.56 | 34 | 72617.48 | 105623.88 |
| 68772.13 | 94730.74 | 33 | 72597.48 | 105562.35 |
| 68793.24 | 94785.95 | 32 | 72577.47 | 105500.87 |
| 68814.35 | 94841.19 | 31 | 72557.46 | 105439.42 |
| 68835.46 | 94896.46 | 30 | 72537.44 | 105378.01 |

| Minut. | 43. Grad. Sinus. | 43. Grad. Tang. | Minut. | 46. Grad. Sinus. | 46. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 68835.46 | 94896.46 | 30 | 72537.44 | 105378.01 |
| 31 | 68856.55 | 94951.76 | 29 | 72517.41 | 105316.64 |
| 32 | 68877.65 | 95007.09 | 28 | 72497.38 | 105255.31 |
| 33 | 68898.73 | 95062.45 | 27 | 72473.47 | 105194.01 |
| 34 | 68919.81 | 95117.84 | 26 | 72457.29 | 105132.75 |
| 35 | 68940.89 | 95173.26 | 25 | 72437.24 | 105071.53 |
| 36 | 68961.95 | 95228.71 | 24 | 72417.18 | 105010.34 |
| 37 | 68983.02 | 95284.20 | 23 | 72397.12 | 104949.20 |
| 38 | 69004.07 | 95339.71 | 22 | 72377.05 | 104888.09 |
| 39 | 69025.12 | 95395.26 | 21 | 72356.98 | 104827.02 |
| 40 | 69046.17 | 95450.83 | 20 | 72336.90 | 104765.98 |
| 41 | 69067.21 | 95506.44 | 19 | 72316.81 | 104704.98 |
| 42 | 69088.24 | 95562.08 | 18 | 72296.71 | 104644.02 |
| 43 | 69109.27 | 95617.74 | 17 | 72276.61 | 104583.10 |
| 44 | 69130.29 | 95673.44 | 16 | 72256.51 | 104522.21 |
| 45 | 69151.31 | 95729.17 | 15 | 72236.40 | 104461.36 |
| 46 | 69172.32 | 95784.94 | 14 | 72216.28 | 104400.55 |
| 47 | 69193.32 | 95840.73 | 13 | 72196.15 | 104339.77 |
| 48 | 69214.32 | 95896.55 | 12 | 72176.02 | 104279.04 |
| 49 | 69235.31 | 95952.41 | 11 | 72155.89 | 104218.33 |
| 50 | 69256.30 | 96008.29 | 10 | 72135.74 | 104157.67 |
| 51 | 69277.28 | 96064.21 | 9 | 72115.59 | 104097.04 |
| 52 | 69298.25 | 96120.16 | 8 | 72095.44 | 104036.45 |
| 53 | 69319.22 | 96176.14 | 7 | 72075.28 | 103975.89 |
| 54 | 69340.18 | 96232.15 | 6 | 72055.11 | 103915.37 |
| 55 | 69361.14 | 96288.19 | 5 | 72034.94 | 103854.89 |
| 56 | 69382.09 | 96344.27 | 4 | 72014.76 | 103794.45 |
| 57 | 69403.04 | 96400.37 | 3 | 71994.57 | 103734.04 |
| 58 | 69423.98 | 96456.51 | 2 | 71974.38 | 103673.67 |
| 59 | 69444.91 | 96512.68 | 1 | 71954.18 | 103613.33 |
| 60 | 69465.84 | 96568.88 | 0 | 71933.98 | 103553.03 |

| 44. Grad. | | Minut. | 45. Grad. | |
|---|---|---|---|---|
| Sinus. | Tang. | | Sinus. | Tang. |
| 69465.84 | 96568.88 | 60 | 71933.98 | 103553.03 |
| 69486.76 | 96625.11 | 59 | 71913.77 | 103492.77 |
| 69507.67 | 96681.37 | 58 | 71893.55 | 103432.54 |
| 69528.58 | 96737.67 | 57 | 71873.33 | 103372.35 |
| 69549.49 | 96794.00 | 56 | 71853.10 | 103312.20 |
| 69570.39 | 96850.35 | 55 | 71832.87 | 103252.08 |
| 69591.28 | 96906.74 | 54 | 71812.63 | 103191.99 |
| 69612.17 | 96963.16 | 53 | 71792.38 | 103131.95 |
| 69633.05 | 97019.62 | 52 | 71772.13 | 103071.94 |
| 69653.92 | 97076.10 | 51 | 71751.87 | 103011.96 |
| 69674.79 | 97132.62 | 50 | 71731.61 | 102952.03 |
| 69695.65 | 97189.17 | 49 | 71711.34 | 102892.12 |
| 69716.51 | 97245.75 | 48 | 71691.06 | 102832.26 |
| 69737.36 | 97302.36 | 47 | 71670.78 | 102772.43 |
| 69758.21 | 97359.01 | 46 | 71650.49 | 102712.63 |
| 69779.05 | 97415.69 | 45 | 71630.19 | 102652.87 |
| 69799.88 | 97472.40 | 44 | 71609.89 | 102593.15 |
| 69820.71 | 97529.14 | 43 | 71589.59 | 102533.46 |
| 69841.53 | 97585.91 | 42 | 71569.27 | 102473.81 |
| 69862.34 | 97642.72 | 41 | 71548.95 | 102414.19 |
| 69883.15 | 97699.56 | 40 | 71528.63 | 102354.61 |
| 69903.96 | 97756.43 | 39 | 71508.30 | 102295.06 |
| 69924.76 | 97813.33 | 38 | 71487.96 | 102235.55 |
| 69945.55 | 97870.27 | 37 | 71467.62 | 102176.08 |
| 69966.33 | 97927.24 | 36 | 71447.27 | 102116.64 |
| 69987.11 | 97984.24 | 35 | 71426.91 | 102057.23 |
| 70007.89 | 98041.27 | 34 | 71406.55 | 101997.86 |
| 70028.66 | 98098.33 | 33 | 71386.18 | 101938.53 |
| 70049.42 | 98155.43 | 32 | 71365.81 | 101879.23 |
| 70070.18 | 98212.56 | 31 | 71345.43 | 101819.97 |
| 70090.93 | 98269.73 | 30 | 71325.04 | 101760.74 |

| Minut. | 44. Grad. Sinus. | 44. Grad. Tang. | Minut. | 45. Grad. Sinus. | 45. Grad. Tang. |
|---|---|---|---|---|---|
| 30 | 70090.93 | 98269.73 | 30 | 71325.04 | 101760.74 |
| 31 | 70111.67 | 98326.92 | 29 | 71304.65 | 101701.55 |
| 32 | 70132.41 | 98384.15 | 28 | 71284.26 | 101642.39 |
| 33 | 70153.14 | 98441.41 | 27 | 71263.85 | 101583.26 |
| 34 | 70173.87 | 98498.71 | 26 | 71243.44 | 101524.17 |
| 35 | 70194.59 | 98556.03 | 25 | 71223.03 | 101465.12 |
| 36 | 70215.30 | 98613.39 | 24 | 71202.60 | 101406.10 |
| 37 | 70236.01 | 98670.79 | 23 | 71182.18 | 101347.12 |
| 38 | 70256.72 | 98728.21 | 22 | 71161.74 | 101288.17 |
| 39 | 70277.41 | 98785.67 | 21 | 71141.30 | 101229.25 |
| 40 | 70298.11 | 98843.16 | 20 | 71120.86 | 101170.37 |
| 41 | 70318.79 | 98900.69 | 19 | 71100.41 | 101111.53 |
| 42 | 70339.47 | 98958.25 | 18 | 71079.95 | 101052.72 |
| 43 | 70360.14 | 99015.84 | 17 | 71059.48 | 100993.94 |
| 44 | 70380.81 | 99073.46 | 16 | 71039.01 | 100935.20 |
| 45 | 70401.47 | 99131.12 | 15 | 71018.54 | 100876.49 |
| 46 | 70422.13 | 99188.81 | 14 | 70998.06 | 100817.82 |
| 47 | 70442.78 | 99246.54 | 13 | 70977.57 | 100759.18 |
| 48 | 70463.42 | 99304.29 | 12 | 70957.07 | 100700.58 |
| 49 | 70484.06 | 99362.08 | 11 | 70936.57 | 100642.01 |
| 50 | 70504.69 | 99419.91 | 10 | 70916.07 | 100583.47 |
| 51 | 70525.32 | 99477.77 | 9 | 70895.56 | 100524.97 |
| 52 | 70545.94 | 99535.66 | 8 | 70875.04 | 100466.51 |
| 53 | 70566.55 | 99593.58 | 7 | 70854.51 | 100408.07 |
| 54 | 70587.16 | 99651.54 | 6 | 70833.98 | 100349.68 |
| 55 | 70607.76 | 99709.53 | 5 | 70813.45 | 100291.31 |
| 56 | 70628.35 | 99767.56 | 4 | 70792.91 | 100232.98 |
| 57 | 70648.94 | 99825.62 | 3 | 70772.36 | 100174.69 |
| 58 | 70669.53 | 99883.71 | 2 | 70751.80 | 100116.42 |
| 59 | 70690.11 | 99941.84 | 1 | 70731.24 | 100058.19 |
| 60 | 70710.68 | 100000.00 | 0 | 70710.68 | 100000.00 |







